

To: Good, David[good.david@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 7/26/2013 11:54:57 AM
Subject: FW: 2014 Volkswagen Jetta Hybrid Test Group Name - Correction

For your information, we are looking for the simplest, fastest way to accomplish this correction. Bill will submit the application with the corrected test group name today. Barbara was going to speak with Lynn Sohacki but I have not heard anything since I spoke with Barbara a couple days ago.

From: Thomas, Richard (EEO)
Sent: Wednesday, July 24, 2013 10:30 AM
To: Stump, Barbara (Stump.Barbara@epa.gov)
Subject: 2014 Volkswagen Jetta Hybrid Test Group Name - Correction

Hi Barbara;

We have discovered that the factory in Germany changed the test group name of the 2014 Jetta Hybrid from EVWXV01.4**PHE** to EVWXV01.4**HEV** without our office noticing this change. We paid the certification fee and were issued a certificate under the wrong test group name. We are working to correct the application and now we need to change the certification fee payment from test group name EVWXV01.4**PHE** to the correct name of: EVWXV01.4**HEV**.

Is there a simple way in which we can make this correction to the test group or must we withdraw the incorrect test group and get a refund first and reapply it to the correct name? What is the procedure? I could not find your phone number to call in the directory, could you please call me.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Boundy, Robert Gary (boundyrg@ornl.gov)[boundyrg@ornl.gov]
Cc: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 7/22/2013 2:04:56 PM
Subject: 2014 Audi Images
[14 RS 5 Cabriolet.jpg](#)
[14 RS 7.jpg](#)

Hi Bob;

Here are a couple of photos for the 2014 Audi RS 5 Cabriolet and RS 7 for the fuel economy guide web site.

Thanks,

Richard

Richard E. Thomas
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Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com





To: Boundy, Robert Gary (boundyrg@ornl.gov)[boundyrg@ornl.gov]
Cc: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 7/22/2013 1:59:46 PM
Subject: 2014 Volkswagen Touareg Hybrid Image
[Tou-14-0046-Hybrid.tif](#)

Hello Bob;

I noticed that the 2014 listing on the fueleconomy.gov site had no picture for the Volkswagen Touareg Hybrid, so I have attached one for your convenience. Let me know if this works.

Thanks,

Richard

Richard E. Thomas
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Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com



To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 6/19/2013 5:44:47 PM
Subject: RE: 2012 CAFE/GHG report - Question about 2012 Bentley Continental Supersports model

Hi Dave;

I just checked again, Ex. 4 - CBI I
eliminated that index (15).

One question for you today, do you think the two test groups Jim passed up for signature will be

Ex. 4 - CBI
yet. Is it Linc that has these certificates now?

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, June 19, 2013 1:32 PM
To: Thomas, Richard (EEO)
Subject: 2012 CAFE/GHG report - Question about 2012 Bentley Continental Supersports model

Richard,

Re: 2012 CAFE/GHG report - Question about 2012 Bentley Continental Supersports model

I'm working on the 2012 gas guzzlers.

Ex. 4 - CBI

I this a mistake in the CAFE/GHG data input or were there no sales of this model?

Thanks

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 6/10/2013 9:59:46 AM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Thanks Dave.

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, June 07, 2013 6:35 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Richard,

Here you go.

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Friday, June 07, 2013 1:40 PM
To: Good, David
Cc: Snyder, Jim
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Hi Dave;

I think I have all these corrections made now. If you like to run it again please give me a copy of the 2014 models. I understand that many of the Audi models will be released next week.

Thanks, have a nice weekend.

Richard

From: Good, David [<mailto:good.david@epa.gov>]
Sent: Friday, June 07, 2013 12:27 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Attached are the data in Verify as of June 4, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

This dataset was run before the one I sent you yesterday---but I reviewed this one (column by column). It should have about the same errors as the one I sent you yesterday.

The next normal posting of 2014 FE Label data will be on June 18, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—plus I'm out of the office on June 17th). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Good, David[good.david@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Fri 5/31/2013 2:07:50 PM
Subject: 2012 VWGoA LDT and PC Final CAFE Reports
[Final CAFE 2012 LDT to EPA .pdf](#)
[Final CAFE 2012 PC to EPA .pdf](#)

Hello Dave;

Please find attached the Volkswagen Group of America, Inc. Final LDT category CAFE report. This cover letter and report has been entered into the documents section of Verify. There will be a revision to the LDT GHG report previously submitted in March 2013.

In a separate cover letter please find both Import and Domestic, Passenger Car category 2012 reports. This document has also been uploaded to the Verify compliance documents section.

If you have any questions, please feel free to call me.

Best regards,

Richard

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VOLKSWAGEN

GROUP OF AMERICA

Mr. Linc Wehrly
Compliance and Innovative Strategies Division
Light-Duty Vehicle Group
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Mr. Oliver Schmidt Name
General Manager Title
EEO Department
248 754 4201 Phone
248 754 4207 Fax
Oliver.Schmidt@vw.com E-Mail

May 30, 2013 Date

Subject: VOLKSWAGEN Group 2012 Final LDT CAFE Report

Enclosed is the manufacturer's calculation for the 2012 final fuel economy average. This calculation is provided for the Volkswagen Group Import Truck category and in accordance with the regulations contained in 40 CFR 600.510-12. The final CAFE value is based upon approved EPA fuel economy data and final production volumes for the 2012 model year.

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PHONE +1 248 754 5000

The report has been successfully processed in and submitted through Verify. The Volkswagen Group reformed LDT CAFE standard is **26.9** MPG for the 2012 model year in accordance with 49 CFR 533.5 (h).

The final Volkswagen Group Import Truck CAFE value is **27.4** MPG.

If you have any questions or require additional information, please contact me or Richard Thomas of my staff at (248) 754-4213 or email Richard.Thomas@VW.com.

Sincerely,
VOLKSWAGEN Group of America, Inc.



Mr. Oliver Schmidt, General Manager
Engineering and Environmental Office

Attachments

2012 FINAL CAFE-IMPORT TRUCK VOLKSWAGEN GROUP MANUFACTURER AVERAGE CALCULATION

Calculate fuel economy average of domestically and non-domestically produced automobiles where:

$$\text{Import Average IAFE} = \frac{\text{TIPA}}{n} = 27.4 \text{ MPG (unadjusted)}$$

$$\sum_{\text{MT}=1} \frac{\text{IMT}}{\text{FEMT}}$$

IAFE	Average fuel economy of non-domestically produced trucks.
TIPA	Total number of trucks produced or imported for sale in the United States.
IMT	Number of trucks of a model type produced or imported.
FEMT	Fuel economy, MPG for a model type.
MT	Model type
n	Total number of model types imported (as applicable in a manufacturer's model year).

$$\text{IAFE (unadjusted)} = \frac{64,882}{2367.3435} = 27.4071 \text{ MPG}$$

Ex. 4 - CBI

Brand	Carline	Engine	DISP	Trans	IW	CITY	HWY	ROUNDED COMB
Audi	Q5 (330)	2.0L TFSI	2.0 / 121	S8	4500	24.6000	35.9000	28.7
Audi	Q5 (330)	3.2L V6 FSI	3.2 / 195	S6	4500	22.7000	30.7000	25.7
Audi	Q7 (320)	3.0L TDI	3.0 / 181	S8	6000	21.2000	36.0000	26.0
Audi	Q7 (320)	3.0L TFSI	3.0 / 183	S8	6000	19.2458	29.8077	22.9
Volkswagen	Tiguan 4MOTION (165)	2.0L TFSI	2.0 / 121	S6	4000	26.8566	37.4347	30.8
Volkswagen	Touareg (140)	3.0L TDI	3.0 / 181	S8	5000	23.4000	40.7000	28.9
Volkswagen	Touareg (140)	3.6L VR6 FSI	3.6 / 195	S8	5000	21.3000	31.6000	25.0
Volkswagen	Touareg Hybrid (145)	3.0L V6 (FSI Hybrid)	3.0 / 183	S8	5500	25.1000	33.1000	28.2
Volkswagen Group Total Units								
Unrounded Fleet CAFE								
VWGoA Fleet CAFE (MPG)								

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Tue 5/28/2013 12:35:13 PM
Subject: 2012 VWGoA Final PC and LDT CAFE/GHG Reports

Please call me at your earliest convenience for a discussion regarding the CAFE final steps.

Thanks,

Richard

Richard E. Thomas
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Phone: 248 754-4213
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Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 5/15/2013 1:52:31 PM
Subject: RE: [Fueleconomy] Chevrolet Cruze / Volkswagen Jetta

Hi Dave;

Ex. 4 - CBI

for carline Jetta (221).

2010MY

<CarlineCode>221

<CarlineClassCode>4

<FullCarlineName>Jetta

<DomesticImportCode>I

<VehicleVolumeMeasureDetails>

<AveragePassengerVolumeMeasure>90.77

<AverageLuggageVolumeMeasure>15.562

<FourDoorPassengerVolumeMeasure>91

<FourDoorLuggageVolumeMeasure>16

2011MY – 2014MY

<CarlineCode>221

<CarlineClassCode>4

<FullCarlineName>Jetta

<DomesticImportCode>I

<VehicleVolumeMeasureDetails>

<AveragePassengerVolumeMeasure>94.12

<AverageLuggageVolumeMeasure>15.68

<FourDoorPassengerVolumeMeasure>94

<FourDoorLuggageVolumeMeasure>16

From: Good, David [mailto:good.david@epa.gov]
Sent: Tuesday, May 14, 2013 5:30 PM
To: Thomas, Richard (EEO)
Subject: FW: [Fuel economy] Chevrolet Cruze / Volkswagen Jetta

Richard,

When you get a chance, please let me know what you think about this question.

Are the 2011-13 Jetta models correctly classified as compact vehicles? I assume that the unrounded (interior + cargo) volume is below 100 cubic feet (but I can't view it from Verify backend).

Thanks

From: Boundy, Robert Gary [mailto:boundyrg@ornl.gov]
Sent: Tuesday, May 14, 2013 12:28 PM
To: Good, David
Subject: FW: [Fuel economy] Chevrolet Cruze / Volkswagen Jetta

Hi Dave,

I think there may be an error in the classification of the 2011-2013 Volkswagen Sedan. It's listed as a Compact but has the exact same interior dimensions as the Chevrolet Cruze and adds up to 110 cubic feet. In 2010 it was correctly classified as a compact at 107 cubic feet but from 2011-2013 it's 110 cubic feet. See screen capture below:


<http://www.fueleconomy.gov/feg/Find.do?action=sbs&id=28611&id=30344&id=31204&id=32991>

You are here: [Find a Car Home](#) > [Side-by-Side Select](#) > Compare Side-by-Side

Compare Side-by-Side


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[Edit Vehicles](#)

2010 Volkswagen Jetta




2.5 L, 5 cyl, Automatic (S6)
MSRP: \$17,735 - \$26,090

2011 Volkswagen Jetta



2.5 L, 5 cyl, Automatic (S6)
MSRP: \$15,365 - \$25,295

2012 Volkswagen Jetta



2.5 L, 5 cyl, Automatic (S6)
MSRP: \$15,515 - \$25,295

Vehicle Specification Data			
EPA Size Class	Compact Cars	Compact Cars	Compact Cars
Drive	Front-Wheel Drive	Front-Wheel Drive	Front-Wheel Drive
Gas Guzzler	No	No	No
Turbocharger	No	No	No
Supercharger	No	No	No
Passenger Volume	91 ft ³ (4 door)	94 ft ³ (4 door)	94 ft ³ (4 door)
Luggage Volume	16 ft ³ (4 door)	16 ft ³ (4 door)	16 ft ³ (4 door)
Engine Descriptor			
Transmission Descriptor			

We would appreciate your guidance on this.

Bob

Bob Boundy

Roltek, Inc., Supporting:

Oak Ridge National Laboratory

www.fueleconomy.gov

Email: boundyrg@ornl.gov

Phone: (856) 850-0766

-----Original Message-----

From: TK Photoworks [Ex. 6]

Sent: Monday, May 13, 2013 10:13 PM

To: FuelEconomy

Subject: [Fueleconomy] Chevrolet Cruze / Volkswagen Jetta

I was just curious on what the reasoning is that the Chevrolet Cruze is classified as a MidSize automobile but the VW Jetta is classified as a compact. Their interior room is identical and their exterior dimensions are very close with the Jetta actually being slightly longer.

Thanks.

Sent from my iPhone 4

Fueleconomy mailing list

Fueleconomy@email.ornl.gov

<https://email.ornl.gov/mailman/listinfo/fueleconomy>

To unsubscribe, send a blank email to fueleconomy-unsubscribe@email.ornl.gov

You are here: [Find a Car Home](#) > [Side-by-Side Select](#) > [Compare Side-by-Side](#)

Compare Side-by-Side

Fuel Economy

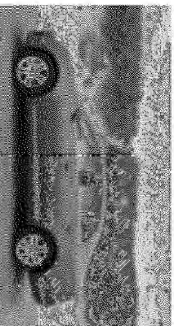
Energy and Environment

Safety

Specs

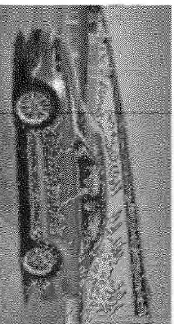
[Personalize](#)
[Edit Vehicles](#)

2010 Volkswagen Jetta



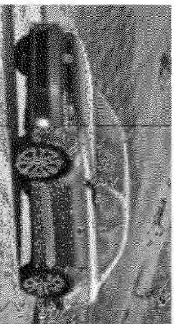
2.5 L, 5 cyl, Automatic (S6)
MSRP: \$17,735 - \$26,090

2011 Volkswagen Jetta



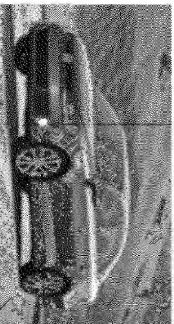
2.5 L, 5 cyl, Automatic (S6)
MSRP: \$15,365 - \$25,295

2012 Volkswagen Jetta



2.5 L, 5 cyl, Automatic (S6)
MSRP: \$15,515 - \$26,445

2013 Volkswagen Jetta



2.5 L, 5 cyl, Automatic (S6)
MSRP: \$15,545 - \$26,990

Vehicle Specification Data

EPA Size Class ^①

Compact Cars

Compact Cars

Compact Cars

Compact Cars

Drive

Front-Wheel Drive

Front-Wheel Drive

Front-Wheel Drive

Front-Wheel Drive

Gas Guzzler

No

No

No

No

Turbocharger

No

No

No

No

Supercharger

No

No

No

No

Passenger Volume

91 ft³ (4 door)

94 ft³ (4 door)

94 ft³ (4 door)

94 ft³ (4 door)

Luggage Volume

16 ft³ (4 door)

16 ft³ (4 door)

16 ft³ (4 door)

16 ft³ (4 door)

Engine Descriptor ^①

Transmission Descriptor ^①

To: Good, David[good.david@epa.gov]
Cc: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]; Giles, Michael (EEO)[michael.giles@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Wed 5/8/2013 12:24:38 PM
Subject: 2012 Volkswagen LDT Final CAFE/GHG
[LDT 2012 Verify report 8.pdf](#)

Hello Dave;

My colleagues have now entered SuperDFs for the LDT CREE values and our calculations now agree. I processed the report in Verify and we are done with the VWGoA LDT CAFE/GHG calculation. Revised GHG and the CAFE cover letters will follow when we have the Passenger Car category reports finalized. The attached report has a field which indicates the manufacturer final status, yes or no, but I cannot find how I can indicate that on the Verify input. Perhaps this is a field where you (EPA) can assign a disposition.

We are still unable to successfully enter the VWGoA Passenger Car CAFE/GHG into Verify, so I have no way to check the calculation against the Verify report. Please call me.

Best regards,

Richard

Richard E. Thomas
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Engineering and Environmental Office (EEO)
Phone: 248 754-4213
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Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 4/24/2013 12:15:01 PM
Subject: RE: Should the 2013 Audi R8 be in the FE Label database?

Hi Dave;

There were no 2013 model year Audi R8 models, with neither the 4.2L nor 5.2L engine, and therefore not in the fuel economy guide. If you have further questions, please call.

Best regards,

Richard

From: Good, David [<mailto:good.david@epa.gov>]
Sent: Tuesday, April 23, 2013 3:28 PM
To: Thomas, Richard (EEO)
Subject: Should the 2013 Audi R8 be in the FE Label database?

Richard,

Someone from the web said it was missing from www.fueleconomy.gov.

Please advise.

Thanks

To: 'Verify Help Desk (verifyhelp@csc.com)'[verifyhelp@csc.com]
Cc: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]; Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 4/22/2013 6:38:27 PM
Subject: 2014 VWGoA Passenger Car CAFE

Hi [Ex. 4 - CBI]

Here is the Transaction Identifier: [Ex. 4 - CBI] for the 2012 Volkswagen Group Passenger Car CAFE. The error message I get when attempting to correct the 2012 fuel economy labels is [Ex. 4 - CBI] and that example I sent you last week. I tried to make minor technical corrections on label indexes [Ex. 4 - CBI] for example, and the transaction was rejected due to this business rule.

Thanks,

Richard

Richard E. Thomas
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Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: 'Verify Help Desk (verifyhelp@csc.com)'[verifyhelp@csc.com]
Cc: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]; Good, David[good.david@epa.gov];
Rodgers, William (EEO)[William.Rodgers@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Fri 4/19/2013 12:58:17 PM
Subject: BR 154 and CAFE Submission

Hello [Ex. 4 - CBI]

I am having difficulty in making minor corrections to several 2012 fuel economy labels in order for me to successfully submit the 2012 Volkswagen Group Passenger Car CAFE report into Verify, due to [Ex. 4 - CBI] I think this may need the intervention of Bob Peavyhouse. Bob; please contact me.

This is only one example where we have, unfortunately created at the time of 2012 certification,

Ex. 4 - CBI

Please see, Transaction Identifier: [Ex. 4 - CBI] for this label.

Please investigate and let me know if there is a simple solution, or if this rule can be shut off or made inactive.

Ex. 4 - CBI

Verify CAFE entry and now I am down to 5 pages after two solid weeks of work.

Best regards,

Richard

Richard E. Thomas
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Phone: 248 754-4213
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Richard.Thomas@VW.com

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Fri 4/12/2013 12:01:30 PM
Subject: LDT GHG Reformed Standard Discrepancy
[20130412070504621.pdf](#)

Hi Bob;

Please find the latest attached LDT CAFE report from Verify. I am having trouble getting the VWGoA GHG standard to agree, and wondered if you can give me more information of what the Verify program does with the data supplied. Looking at the GHG targets for each of the footprints which are displayed to one place right of the decimal and the volumes for each, I calculate in an Excel spreadsheet a value of

Ex. 4 - CBI

I would like to resolve this discrepancy before I enter the much larger VWGoA Passenger Car CAFE. I will check on those 2.0L turbo Beetle Convertible, manual and automatic labels and see what Verify wants over and above the 2012 label and try and create these two labels today.

Thanks,
Richard

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Thur 4/11/2013 2:17:08 PM
Subject: 2012 Volkswagen Group Final CAFE Reports
[LDT 2012 Verify report.pdf](#)

Hi Bob;

I have successfully entered the Volkswagen Group (VWGoA) 2012 Light-Duty Truck CAFE into Verify earlier this week. Will you be running an audit of this report or was that already performed by the attached Verify report I received a short time after I entered the report?

I have a couple of issues with regard to the Passenger Car, Import and Domestic fleet reports. My understanding is we need only create one file with both the Import and Domestic category reports, is that correct?

Ex. 4 - CBI

get a large discrepancy for the carline 160 footprint data I submitted.

Ex. 4 - CBI

later. Can I just add them into the CAFE report or does a 2012 label have to exist in the system first?

VWGoA has been granted an extension for the CAFE and GHG reports to the end of this month, so your prompt reply would be appreciated. I can assume that we will have many exchanges due to the number of brands we have in the VWGoA Passenger Car reports. Again, thanks for your support.

Best regards,

Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

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Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 3/27/2013 4:44:35 PM
Subject: FW: Extension for 2012 CAFE Final Reporting

From: Thomas, Richard (EEO)
Sent: Thursday, March 21, 2013 11:47 AM
To: 'Good, David'
Cc: Kata, Leonard (EEO); Peavyhouse, Robert (Peavyhouse.Robert@epa.gov)
Subject: RE: Extension for 2012 CAFE Final Reporting

Hi Dave,

The basis for the extension in the CAFE reporting is; I had no file to start the work in Verify with and because of the complicated way we certify and input the Volkswagen Group brands in Verify for the labeling program it will take much time, intervention and input from Bob Peavyhouse to get the system to accept our report. This is the reason we will be consolidating the brands in 2015 model year under one manufacture code for the Volkswagen Group to reduce duplication of carline names/codes and test groups under several brands.

I can request a one month extension now for the CAFE, but I will have to see if processing in Verify goes better this year than it did last year before I will know if they are successfully accepted into Verify. Bob is working on the needed file today. The GHG reports and templates will be completed and submitted by the end of this month.

Best regards,

Richard

From: Good, David [<mailto:good.david@epa.gov>]
Sent: Thursday, March 21, 2013 11:19 AM
To: Thomas, Richard (EEO)
Cc: Kata, Leonard (EEO)
Subject: RE: Extension for 2012 CAFE and GHG Final Reporting

Richard,

Please provide some basis for your request. Why do you need the extension and why do you think you will be able to submit all the data to Verify and a GHG/CAFE model year report (letter) by June 1st?

Thanks

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Thursday, March 21, 2013 10:23 AM
To: Good, David
Cc: Kata, Leonard (EEO)
Subject: Extension for 2012 CAFE and GHG Final Reporting

Hello Dave;

We would like to request a two month reporting extension for the 2012 Final Volkswagen Group CAFE and GHG reports and its reporting deadline of the March 31st 2013, to the end of May 2013. The 2012 Volkswagen Group consists of the following brands: Volkswagen, Audi, Bentley, Lamborghini and Bugatti.

Best regards,

Richard

Richard E. Thomas

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To: Good, David[good.david@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Harris, Dale (EEO)[Dale.Harris@vw.com];
Giles, Michael (EEO)[michael.giles@vw.com]
From: Thomas, Richard (EEO)
Sent: Wed 3/27/2013 2:49:33 PM
Subject: couple more questions

Hello Dave;

I sensed you had a lot on your plate today when you called, but I had a couple more questions for you and when you get a free moment maybe you can respond. You can call me anytime.

The EEO is working on the final 2012 reports for both CAFE and GHG. As in the past I am preparing to enter all the required model type data, test numbers and configuration data in Verify before we send a final letter with our CAFE fleet averages and reformed CAFE standards. My colleagues are preparing the GHG reports and will be submitting them via the templates provided by EPA as in the past. The Verify system for CAFE has data entry for the GHG

Ex. 4 - CBI

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Tue 3/26/2013 5:39:34 PM
Subject: RE: Passenger Vehicle CAFE Starter

Thank you very much Bob. These files were exactly what I needed.

The issue with the Tiguan listed as truck in the labeling program goes back to the regulation change in, I think 2012, that would exclude the two rows of seating models from being called trucks unless they had three rows of seating and had expanded cargo carrying capacity. Although the Tiguan has two rows of seating it was the same car certified earlier, since 2009, as a truck and I was instructed to leave it in the guide as a truck. The only model that is still a truck by virtue of its off-road capability is the all-wheel-drive Tiguan 4Motion. Should I change these two label indexes (ADX083 and ADX084) so they are now passenger car indexes?

I have another off the wall question. For the first time I have a domestic CAFE fleet, that was

Ex. 4 - CBI

Thanks again for your support,

Richard

From: Peavyhouse, Robert [<mailto:Peavyhouse.Robert@epa.gov>]
Sent: Monday, March 25, 2013 5:23 PM
To: Thomas, Richard (EEO)
Subject: Passenger Vehicle CAFE Starter

Richard,

Here is a starter file for Passenger Vehicle.

There are 2 discrepancies. I setup the file as you suggested.

I couldn't remember which 2 you said were Domestic, so you will have to switch those. I set them all to Import for now.

Ex. 4 - CBI

You said to put them in the passenger vehicle, but the guzzler status says that they are trucks.

Take a look at those 2, you might have to fix those, or switch them to the truck submission.

Robert Peavyhouse
Compliance Division
U.S. EPA - Office of Transportation and Air Quality
phone: (734) 214-4814
email: peavyhouse.robert@epa.gov

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 3/21/2013 2:33:34 PM
Subject: 2012 Final CAFE reporting

Hi Bob;

Is there any chance you might be able to provide the file I requested back in early February?
Sorry, I know you are busy, but this is the basis for the work we have to complete for the 2012 Final Volkswagen Group CAFE in Verify and it is extremely helpful. Maybe you can provide me with a projected date when you might get to it.

The 2012 Volkswagen Group brands again are Volkswagen, Audi, Bentley, Lamborghini and Bugatti.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 2/13/2013 10:59:24 AM
Subject: RE: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

That was fine, I just didn't know why it was on the list.

From: Good.David@epamail.epa.gov [mailto:Good.David@epamail.epa.gov]
Sent: Tuesday, February 12, 2013 3:13 PM
To: Thomas, Richard (EEO)
Cc: Snyder.Jim@epamail.epa.gov
Subject: RE: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Richard,

The Adventador Roadster (Index 93) was sent to DOE for posting on the web. (It was error free with a release date of 1/14/2013.) Should it have been?

Dave

💎 "Thomas, Richard (EEO)" ---02/12/2013 08:18:02 AM---Hi Dave; I took care of the error for the 2013 Beetle Convertible TDI index 135, a couple days ago.

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: David Good/AA/USEPA/US@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 02/12/2013 08:18 AM
Subject: RE: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I took care of the error for the 2013 Beetle Convertible TDI index 135, a couple days ago.

Ex. 4 - CBI

Thanks,
Richard

From: Good.David@epamail.epa.gov [mailto:Good.David@epamail.epa.gov]

Sent: Friday, February 08, 2013 5:00 PM

To: Thomas, Richard (EEO)

Cc: Snyder.Jim@epamail.epa.gov

Subject: re: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Richard,

re: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of February 5, 2013 (for new model year 2013 FE labels since January 3, 2012, only). Labels with pea green fill in the first few columns were not sent to DOE on February 5, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2013 FE Label data will be on March 1, 2013 or so (on a monthly schedule where I run the query on the 1st of the month). If you need an important 2013 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

(See attached file: VW_Group_2013 FEGuide-new labels since 1-3-2013-all rel dates-no-sales-2-5-2013.xlsx)

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Wed 12/18/2013 4:13:05 PM
Subject: RE: new 2014 1.8L Beetle Label Indexes [Thanks] NNT0

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Wednesday, December 18, 2013 10:40 AM
To: Good, David
Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNT0

Hi Dave;

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Ex. 4 - CBI

Thanks, and if I don't talk to you again have a nice holiday and Happy New Year!

Best regards,

Richard

From: Good, David [<mailto:good.david@epa.gov>]
Sent: Wednesday, December 18, 2013 10:14 AM

To: Thomas, Richard (EEO)

Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNT0

Richard,

Here you go.

Remind me which are the new indexes----so that I can have them posted on Friday.

Dave

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]

Sent: Wednesday, December 18, 2013 7:17 AM

To: Good, David

Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNT0

Thanks, Dave; did you send me something yesterday, or are you still unable to use your audit program by brand?

From: Good, David [<mailto:good.david@epa.gov>]

Sent: Tuesday, December 17, 2013 1:28 PM

To: Thomas, Richard (EEO)

Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNT0

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]

Sent: Tuesday, December 17, 2013 1:23 PM

To: Good, David
Subject: new 2014 1.8L Beetle Label Indexes

Hi Dave;

Ex. 4 - CBI

know if anything is still not right or you see other errors or discrepancies.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Wed 12/18/2013 3:13:43 PM
Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNTO
VW Group 2014 FEGuide-all rel dates-no-sales-12-17-2013.xlsx

Richard,

Here you go.

Remind me which are the new indexes----so that I can have them posted on Friday.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Wednesday, December 18, 2013 7:17 AM
To: Good, David
Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNTO

Thanks, Dave; did you send me something yesterday, or are you still unable to use your audit program by brand?

From: Good, David [mailto:good.david@epa.gov]
Sent: Tuesday, December 17, 2013 1:28 PM
To: Thomas, Richard (EEO)
Subject: RE: new 2014 1.8L Beetle Label Indexes [Richard, I'll run a new query and send you the data in an hour or so.] NNTO

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Tuesday, December 17, 2013 1:23 PM
To: Good, David
Subject: new 2014 1.8L Beetle Label Indexes

Hi Dave;

Ex. 4 - CBI

know if anything is still not right or you see other errors or discrepancies.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: leonard.kata@vw.com[leonard.kata@vw.com]
From: Good, David
Sent: Mon 12/9/2013 8:50:10 PM
Subject: Re: 2012 CAFE/GHG Report - please set mfr final status to "yes" and double check the address file for EPA's CAFE/GHG letter
[2012 VW Group Truck CAFE-GHG report from Verify-12-9-2013.pdf](#)
[2012 VW Group Car CAFE-GHG report from Verify-12-9-2013.pdf](#)

Richard,

Re: 2012 CAFE/GHG Report - please set mfr final status to "yes" and double check the address file for EPA's CAFE/GHG letter

I'm working on 2012 CAFE/GHG reports. Our management indicates that I have to send out EPA final 2012 CAFE/GHG letters before Dec 20, 2013.

When you get a chance, please sent the Mfr Final Status to "yes" for both your car and truck CAFE/GHG reports. Attached are the latest Verify CAFE/GHG car & truck reports for your convenience.

While you are setting the status, please double check that the correct name and contact information appears in the address file for the CAFE/GHG letter. It will be in a field (pull-down menu) when you update the mfr final CAFE/GHG status (for each car or truck CAFE/GHG compliance category). If the correct name and contact information doesn't appear in the pull down menu, then you will have to enter it (or correct it) in the "Maintain Manufacturer Information" module (CAFE Address file) of Verify. Normally, the EPA CAFE/GHG letter should be addressed to the person who sent EPA the 2012 CAFE & GHG model year report(s) on March 31, 2013 or so.

Thanks

To: balsip@suz.com[balsip@suz.com];
 Darin_Johnson@AHM.Honda.com[Darin_Johnson@AHM.Honda.com];
 deborah.a.zielesch@gm.com[deborah.a.zielesch@gm.com];
 drobertson@mazdausa.com[drobertson@mazdausa.com]; elarue1@ford.com[elarue1@ford.com]; ferrari-
 adam-rowley[ferrari-adam-rowley]; gambrozaitis@autoalliance.org[gambrozaitis@autoalliance.org];
 gbuffali@volvocars.com[gbuffali@volvocars.com]; jcabaniss@aiaa.org[jcabaniss@aiaa.org];
 jyarow@astonmartin.com[jyarow@astonmartin.com]; KhanF@NRD.NISSAN-
 USA.COM[KhanF@NRD.NISSAN-USA.COM]; lotus-ian-cawdrion-primary contact[lotus-ian-cawdrion-
 primary contact]; McLaren-ian-bacon[McLaren-ian-bacon];
 peter_meier@ahm.honda.com[peter_meier@ahm.honda.com];
 plennvi@volvocars.com[plennvi@volvocars.com]; r.maxwell@email.sae.org[r.maxwell@email.sae.org];
 rbabcock@hatci.com[rbabcock@hatci.com]; remaxwell@comcast.net[remaxwell@comcast.net];
 richard.thomas@vw.com[richard.thomas@vw.com]; rseal3@jaguar.com[rseal3@jaguar.com]; spyker-g-
 verheul[spyker-g-verheul]; thomas.hofmann@bmwna.com[thomas.hofmann@bmwna.com];
 tony.dambrosi@tema.toyota.com[tony.dambrosi@tema.toyota.com];
 vvarjabe@jaguar.com[vvarjabe@jaguar.com]; vw-christoph-kohnen-doctor[vw-christoph-kohnen-doctor];
 wlewis@porsche.com[wlewis@porsche.com];
 jjacoby@azuredynamics.com[jjacoby@azuredynamics.com];
 Andrea.Antholzner@bmwna.com[Andrea.Antholzner@bmwna.com];
 asw9@chrysler.com[asw9@chrysler.com]; j.foor@chrysler.com[j.foor@chrysler.com];
 mrobinson@codaaautomotive.com[mrobinson@codaaautomotive.com];
 bstott@ferrariusa.com[bstott@ferrariusa.com]; ccingi@ferrari.it[ccingi@ferrari.it];
 gvsm@worldnet.att.net[gvsm@worldnet.att.net]; cbanciu@ford.com[cbanciu@ford.com];
 gheiser@ford.com[gheiser@ford.com]; jcusuman@ford.com[jcusuman@ford.com];
 doug.devries@gm.com[doug.devries@gm.com]; laura.l.parker@gm.com[laura.l.parker@gm.com];
 dbarker@hatci.com[dbarker@hatci.com]; ddoku@maseratiusa.com[ddoku@maseratiusa.com];
 nokawa@mazdausa.com[nokawa@mazdausa.com];
 andreas.roessler@daimler.com[andreas.roessler@daimler.com];
 starcooperation.walch@daimler.com[starcooperation.walch@daimler.com];
 markus.loesch@daimler.com[markus.loesch@daimler.com];
 ole.hansen@daimler.com[ole.hansen@daimler.com]; dennis.pawlak@na.mitsubishi-
 motors.com[dennis.pawlak@na.mitsubishi-motors.com]; john.gantchar@na.mitsubishi-
 motors.com[john.gantchar@na.mitsubishi-motors.com]; yamadaya@ntcna.nissan-
 usa.com[yamadaya@ntcna.nissan-usa.com]; ross.gatzke@porsche.us[ross.gatzke@porsche.us];
 David.Henry@roush.com[David.Henry@roush.com];
 rocco.bellino@roush.com[rocco.bellino@roush.com]; lewisd@srd.subaru-fhi.co.jp[lewisd@srd.subaru-
 fhi.co.jp]; shinoharah@srd.subaru-fhi.co.jp[shinoharah@srd.subaru-fhi.co.jp];
 luis.hernandez@suz.com[luis.hernandez@suz.com]; james@teslamotors.com[james@teslamotors.com];
 kiriri@nano.tec.toyota.co.jp[kiriri@nano.tec.toyota.co.jp];
 matthew.kevnick@tema.toyota.com[matthew.kevnick@tema.toyota.com];
 mhandley@vpgautos.com[mhandley@vpgautos.com]
Cc: French, Roberts[french.roberts@epa.gov]
From: Good, David
Sent: Tue 11/26/2013 9:00:30 PM
Subject: EPA Guidance Letter CD-13-14 - typo in Section 1 of Enclosure 1 (fuel costs)

To manufacturers FE Label representatives,

There is a typo in the EPA guidance letter CD-13-14 on Section 1 of Enclosure 1---(which I have had questions from several manufacturers about).

The first sentence should read “The annual fuel cost estimates used on the fuel economy labels of 2015 model year vehicles.....” (not 2014 model year vehicles).

In other words, the fuel costs provided in CD-13-14 are the 2015 fuel costs to be used on FE Labels for 2015MY vehicles.

The 2014 fuel costs (used on FE labels of 2014MY vehicles) are outlined in CD-12-18, Nov 16, 2012 and remain unchanged.

Enclosure 1, section 2 of the new guidance letter (CD-13-14) does provide updated range values for each vehicle class---which should be used on both 2014MY and 2015MY labels.

Please feel free to call me at 734-214-4450 if you have any questions.

And on another note, happy Thanksgiving to all.

Dave

To: Rech, Lothar (I/EA-523)[Lothar.Rech@AUDI.DE]; 'synder.jim@epa.gov'[synder.jim@epa.gov]
Cc: leonard.kata@vw.com[leonard.kata@vw.com]; stuart.johnson@vw.com[stuart.johnson@vw.com]; French, Roberts[french.roberts@epa.gov]; Ott, William[ott.william@epa.gov]
From: Good, David
Sent: Wed 11/20/2013 5:55:12 PM
Subject: RE: VWGoA PHEV Test Procedures Question
[2014 generic EV Label calculations-1-18-13.xlsm](#)
[2014 Generic non-blended PHEV FE Label calculator 713.xlsx](#)
[non-blended PHEV Utility Factor calculator-\(dgood\)-4-4-2012.xlsx](#)
[PHEV_AER_CO2evaluation-from Lothar-11-20-2013.pdf](#)

Lothar,

For CO2 calculations, you should use the CD emissions up to and including the 3.59 or 3.91 mile transition bag (not the 7.5 mile transition UDDS cycle). You should use the sequential multi-day individual utility factors (MDIUFs) not the fleet utility factors shown in your spreadsheets, ref 600.116(b)(2) Table 3. [The utility factors shown in your spreadsheets are not correct.]

1. Start by calculating a running utilized adjusted CO2 value (e.g. tested CO2/0.7) for each sequential 3.59 or 3.91 bag (including the transition bag). That becomes your adjusted city CD CO2 emission value (grams/mi). See 600.116(b)(2) and Table 3 in those regulations. [For your base example, I calculate sequential CD city CO2 value of zero for bags 1-13 and 1.65 g/mi for bag 14 (82.40 x .02 = 1.65 g/mi) for a total CO2 value over the 14 bag cycles of 1.65 g/mi.]

2. Next, you use the sum of the sequential MDIUFs to determine the total MDIUF---which will be used to combine the adjusted city CD CO2 emission value (gr/mi) with the adjusted highway CS CO2 value.

3. Next, use this same approach for the highway test using the sequential MDIUF's in 600.116(b)(2) Table 4----to determine the adjusted highway CD CO2 emission value (in grams/mile).

4. Next, you combine the city CD CO2 value with the city CS CO2 value (determined from a separate 4-bag FTP) using the formula $\text{CO2 (Utilitized city)} = (\text{UF}_{\text{city}} \times \text{CD CO2}) + [(1 - \text{UF}_{\text{city}}) \times \text{CS CO2}]$.

5. Next you combine the hwy CD CO2 value with the hwy CD CO2 similarly.
6. Then you combine the city & highway CO2 values using a straight arithmetic average (not a harmonic average) weighting the city CO2 value 55% and the highway CO2 value 45%.

For the fuel economy, annual fuel cost values, etc---which go on the FE Labels, you should use Chris Never's spreadsheet.

Attached are FE Label calculators for EVs and for non-blended PHEVs. Also attached is a utility factor calculator for non-blended PHEVs.

Hope this helps.

Dave

From: Rech, Lothar (I/EA-523) [<mailto:Lothar.Rech@AUDI.DE>]
Sent: Wednesday, November 20, 2013 9:07 AM
To: 'synder.jim@epa.gov'; Good, David
Subject: WG: VWGoA PHEV Test Procedures Question

Hello Jim and Dave,

there are a presentation with a question about PHEV and CO2 calculation.

Best regards

Lothar

Mit freundlichen Grüßen

Lothar Rech
Aggregatezulassung Ingolstadt

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Vorsitzender des Aufsichtsrats/Chairman of the Supervisory Board: Martin Winterkorn
Vorstand/Board of Management: Rupert Stadler (Vorsitzender/Chairman), Luca de Meo, Frank Dreves, Ulrich Hackenberg, Bernd Martens, Thomas Sigi, Axel Strotbek

Wichtiger Hinweis: Die vorgenannten Angaben werden jeder E-Mail automatisch hinzugefügt und lassen keine Rückschlüsse auf den Rechtscharakter der E-Mail zu.

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To: Harris, Dale (EEO)[Dale.Harris@vw.com]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]; French, Roberts[french.roberts@epa.gov]; Anderson, Tom[Anderson.Tom@epa.gov]
From: Good, David
Sent: Wed 10/30/2013 2:36:16 PM
Subject: RE: 2015MY GHG Pre-Model Template

Dale,

You can go ahead and use the template on the web for your 2015MY Pre-Model Year Report.

You should modify it as needed to agree with the applicable regulations from the 2017 GHG rule, etc. For example, if VW uses the N₂O and CH₄ debit provisions outlined in 86.1818-12(f)(3) you should modify the credit provisions of the template accordingly. Also, if you run the AC17 test procedure instead of the AC idle test procedure, you'll have to modify the template (or put in a dummy value for the AC idle test).

Those are the only two things I can think of which need to be updated (off the top of my head). Please let me know if you see any other areas where the templates need to be updated.

Dave

From: Harris, Dale (EEO) [mailto:Dale.Harris@vw.com]
Sent: Wednesday, October 30, 2013 8:33 AM
To: Good, David
Cc: Kata, Leonard (EEO)
Subject: GHG Pre-Model Template

Dave

I am presently preparing the MY2015 Pre-Model GHG Report for submission by year end. During the process I noticed an expiration date on the GHG MS Excel based template that you provided several years ago. The expiration text has been pasted below.

OMB Control Number 2060-0644
Expires 10-31-2013

Based upon the expiration date, is it appropriate to use this template for the MY 2015 GHG Pre-Model Report as I have in the past? Is there another template available?? Please advise.
Thanks!!!

Regards,

Dale Harris

Certification Specialist

VOLKSWAGEN Group of America, Inc.

Engineering and Environmental Office (EEO)
3800 Hamlin

AuburnHills Michigan 48326

United States of America

P: +1 248 754-4218

E: Dale.Harris@vw.com

To: richard.thomas@vw.com[richard.thomas@vw.com]
From: Good, David
Sent: Wed 9/4/2013 10:08:17 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of August 29, 2013
VW Group 2014 FEGuide-final-all rel dates-no-sales-8-29-2013.xlsx

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of August 29, 2013

Ex. 6 and helping me make the last minute corrections to
Verify for the 2014 Printed Guide.

Attached are the data in Verify as of August 29, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

The next normal posting of 2014 FE Label data will be on September 16, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month). Additionally on September 10, 2013, we will post 2014 FE Label data which was error-free in Verify as of August 29, 2013 and had a release date of August 29th thru September 10th, 2013.

If you need an important 2014 FE Label posted on the web before the next posting, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections to Verify when you get a chance---

Ex. 6

Ex. 6

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
From: Good, David
Sent: Thur 8/29/2013 8:32:30 PM
Subject: re: 2014 FE Guide - Errors in EPA's database as of August 28, 2013
VW Group 2014 FE Guide-all rel dates-no-sales-8-28-2013.xlsx

Richard,

re: 2014 FE Guide - Errors in EPA's database as of August 28, 2013

Ex. 4 - CBI

soon as possible, and let me know when the errors have been corrected.

I will send the data in Verify to DOE on August 30th for both the 2014 Printed Guide and to update www.fueleconomy.gov. The next normal posting of 2014 FE Label data on www.fueleconomy.gov will be on August 29, 2013 to coincide with the schedule for the 2014 Printed Guide.

If you're on vacation on Friday, you can fix the errors next week.

Thanks

To: (Garett.Horton@vw.com)[Garett.Horton@vw.com]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; [Ex. 7]@arb.ca.gov; [Ex. 7]
[Ex. 7]@ARB [Ex. 7]@arb.ca.gov; Ball, Joel[ball.joel@epa.gov]; Good, David[good.david@epa.gov]
From: Pidgeon, Bill
Sent: Tue 9/10/2013 7:10:36 PM
Subject: FW: In-Use Verification Program - Waiver for Evaporative Testing - DRAFT RESPONSE -
COMMENTS WELCOME

.....
Hi Garrett,

I am the new EPA IUVP coordinator and apologize for the delayed response. I wasn't aware of your request until recently, and I have been using considerable vacation time.

I have consulted with CARB and my coworkers at EPA and we are all in agreement. We are unable to grant your request for a waiver from evaporative testing at this time. EPA has received requests for IUVP waivers based on good in-use emissions performance in the past, but we have not yet approved any. Until EPA can establish a basis for defining "good in-use emissions performance" that can be applied equitably to all manufacturers, we are not in a position to grant waivers based on in-use performance.

Additionally, for evaporative emissions, only one vehicle is tested from each evaporative family, so granting a waiver based on past performance entails no monitoring of future performance. EPA continues to allow limited exemptions for hard to procure vehicles. We are very aware that there is a strong desire by many manufacturers for EPA to establish a definition for "good in-use emissions performance" and begin the allowance of some limited exemptions. Although we continue to be very busy, it is our desire to be able to develop guidance that we can share with industry that will outline how we will handle IUVP exemptions for good in-use performance within the next six or so months.

Best wishes,

Bill

William M. Pidgeon
Mechanical Engineer
U.S. Environmental Protection Agency
Compliance Division, N69
2000 Traverwood Drive
Ann Arbor, MI 48105-2195
pidgeon.bill@epa.gov

Phone: 734-214-4416
Fax: 734-214-4869

Garett Horton

Engineering Analyst

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4231

Cell: (248) 797-1198

Fax: (248) 754-4207

E-Mail: Garett.Horton@vw.com

From: Good, David

Sent: Wednesday, August 21, 2013 2:05 PM

To: Pidgeon, Bill

Subject: FW: In-Use Verification Program - Waiver for Evaporative Testing

Bill,

Here you go.

Dave

From: Horton, Garrett [<mailto:Garett.Horton@vw.com>]

Sent: Tuesday, August 20, 2013 11:57 AM

To: Good, David

Subject: RE: In-Use Verification Program - Waiver for Evaporative Testing

Good afternoon David,

Do you happen to have any updates on this request?

Regards,

Garett

From: Horton, Garrett

Sent: Wednesday, July 31, 2013 5:10 PM

To: 'good.david@epa.gov'

Cc: Glas, Tobias; Johnson, Stuart (EEO); Schmidt, Oliver (EEO)

Subject: In-Use Verification Program - Waiver for Evaporative Testing

Hello Mr. Good,

I am Garrett Horton with Volkswagen Group of America, and I work together with Mr. Tobias Glas in the In-Use Verification Program.

Currently we are nearing the end of our MY2008 High Mileage testing program and are planning to start the MY2009 High Mileage program in the next few months. During planning we have identified a possible opportunity for us to reduce the amount of evaporative testing by the reference below:

§ 86.1852-01 Waivers for good in-use emission performance.

The Administrator may waive requirements of this subpart relating to development of emission-related information or test data if the Administrator determines with confidence that the in-use emission test verification data required in § 86.1845-01 are below the applicable emission standards for an appropriate period of time, and that such performance is likely to continue in subsequent model years.

(b) Any waiver granted under paragraph (a) of this section will be granted only if the Administrator determines that the waived requirement is not needed to assure continued emission compliance and the Administrator will have sufficient testing and other information in order to make certification decisions.

(c) Any waiver granted under paragraph (a) of this section would be limited in duration to a period of one model year, unless extended by the Administrator as a result of continued demonstrations of good in-use emission performance.

(d) The Administrator reserves the right to deny or revoke a waiver which may have been granted if he/she determines that the manufacturer no longer qualifies for the waiver.

Attached I have included a short overview of the 9 evaporative families identified and the test results we have received throughout the various years of testing.

With this, we would like to request a waiver for ORVR and SHED testing for the 9 evaporative families listed below for our MY2009 High Mileage In-Use Verification Program. As you can see, we have results dating all the way back to MY2003 which we confidently feel shows sufficient data that these evaporative families will continue to meet compliance requirements throughout the vehicle's full useful life.

∇ 9**XR0110235

∇ 9**XR0110236

∇ 9**XR0110237

∇ 9**XR0110238

∇ 9**XR0125246

∇ 9**XR0170273

∇ 9**XR0230276

∇ 9**XR0140282

∇ 9**XR0170358

If you would like to discuss this further, feel free to contact me.

Regards,

Garett Horton

Engineering Analyst

Engineering & Environmental Office

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3800 Hamlin Road

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United States of America

Phone: (248) 754-4231

Cell: (248) 797-1198

Fax: (248) 754-4207

E-Mail: Garett.Horton@vw.com

To: cbanciu@ford.com[cbanciu@ford.com]
Cc: Pidgeon, Bill[pidgeon.bill@epa.gov]; christopher.cislo@gm.com[christopher.cislo@gm.com]; rws12@chrysler.com[rws12@chrysler.com]; tommy_chang@ahm.honda.com[tommy_chang@ahm.honda.com]; KhanF@NRD.NISSAN-USA.COM[KhanF@NRD.NISSAN-USA.COM]; edward.popa@audi.com[edward.popa@audi.com]; oliver.schmidt@vw.com[oliver.schmidt@vw.com]; Andrea.Antholzner@bmwna.com[Andrea.Antholzner@bmwna.com]; woolery@subaru-research-mi.com[woolery@subaru-research-mi.com]; dbarker@hatci.com[dbarker@hatci.com]; rbabcock@hatci.com[rbabcock@hatci.com]; vvarjabe@jaguar.com[vvarjabe@jaguar.com]; vvarjabe@jaguarlandrover.com[vvarjabe@jaguarlandrover.com]; cetnarc@daimler.com[cetnarc@daimler.com]; dennis.pawlak@na.mitsubishi-motors.com[dennis.pawlak@na.mitsubishi-motors.com]; walter.lewis@porsche.us[walter.lewis@porsche.us]; luis.hernandez@suz.com[luis.hernandez@suz.com]; drobertson@mazdausa.com[drobertson@mazdausa.com]; gbuffali@volvocars.com[gbuffali@volvocars.com]
From: Good, David
Sent: Wed 2/27/2013 10:26:52 PM
Subject: IUVP - entering CREE Submission to Verify for 2012 IUVP test vehicles

Camil & all,

Please forward this Verify "work-around" to the person who will be entering IUVP data into EPA's Verify data base.

We will try to make a better fix in Verify at the next opportunity (e.g. adding a new emission names of combined CREE and combined Optional CREE) which would only be allowed for entering IUVP data. However, it may be 5-6 months (or more) until we can implement the fix.

In the meantime, EPA requests that you follow the procedure as outlined in Toyota's email below to enter CREE data for 2012 IUVP vehicles. [EPA also requested that Toyota use that work-around.] Please don't use the work-around for any other type of data entry---only use it for entering IUVP data entry.

Please call me at 734-214-4450 or Bill Pidgeon at 734-214-4416 or email one of us if you have questions.

Thanks

From: william.meschievitz@tema.toyota.com [mailto:william.meschievitz@tema.toyota.com]
Sent: Wednesday, January 30, 2013 4:08 PM
To: Good, David; podgeon.bill@epa.gov
Cc: cassandra.pogoda@tema.toyota.com; tom.beierschmitt@tema.toyota.com
Subject: CREE Submission to Verify

Hello Dave and Bill,

Cassie, our engineer in charge of In-use testing, was able to submit In-use CREE data to Verify per the method we discussed over the phone on Jan 15th.

Details:

Entered the combined CREE result in the Test Result, CREE, Weighted result fields for Test Information (TI) data sets for the FTP and HWY tests.

Entered the combined CREE standard in the In-use standard column.

As there is no bag data for a combined CREE value, a "place holder" value of '999' was entered in for CREE bag data for the FTP TI

In the comment section of the FTP and HWY TI, the CREE value for that particular test was entered.

Please let me know if you have any questions, etc... about how we entered the data.

Best regards,

Will

William Meschievitz
Powertrain Certification & Test Engineering
Toyota Technical Center, USA
Phone: 734-995-6831
Fax: 734-995-5971

From: Snyder, Jim
Required Attendees: Ott, William; Dalton, Joel; Wright, DavidA;
Leonard.Kata@vw.com
Optional Attendees: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen teleconference on BEV and PHEVs
Start Date/Time: Wed 11/20/2013 2:00:00 PM
End Date/Time: Wed 11/20/2013 3:30:00 PM

For those interested. Phone conference with VW and Audi. Presentation on VW BEV and discuss Audi PHEV testing.

.A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- * e-Golf Presentation
- * PHEV Test Procedures

From: Snyder, Jim
Required Attendees: Ott, William; Dalton, Joel; Wright, DavidA;
Leonard.Kata@vw.com
Optional Attendees: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen teleconference on BEV and PHEVs
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- * e-Golf Presentation
- * PHEV Test Procedures

To: Horton, Garrett[Garett.Horton@vw.com]
Cc: Pidgeon, Bill[pidgeon.bill@epa.gov]; [Ex. 7]@arb.ca.gov [Ex. 7]@arb.ca.gov]
From: Good, David
Sent: Wed 9/4/2013 3:53:15 PM
Subject: RE: In-Use Verification Program - Waiver for Evaporative Testing

Garett,

I thought Bill Pidgeon got back to you on this one. Sorry---I guess I had the lead.

I checked with [Ex. 7] CARB and (I think) Bill Pidgeon checked with EPA management---- both Agencies agreed that we are not ready to begin granting individual manufacturer's requests for less IUVP testing based on good in-use performance. If we decided to change both Agency's policy on this, we would have to coordinate with upper management, coordinate with the Industry (for a level playing field), etc.

In general, we believe that the Industry is beginning to make many technical changes to today's vehicles in order to comply with 2012-2025 greenhouse gas/CAFE standards (including engine displacement downsizing, turbo-charging, more use of SIDI, more use of stop-start systems, more diesel vehicles, etc). In addition, EPA recently adopted LEV2 evap standards (and jury is still out on the in-use performance of their evaporative systems). In the near future LEV3 and Tier 3 emission standards are coming. On the in-use fuels side, more vehicles are being operated on low-levels of ethanol (E10, E15) and biodiesel, etc. Sulfur levels are a concern---I think the cap is still 80 PPM in federal states. Operation on low octane in-use fuels (e.g. 86 and lower AKI octane) and operation on poor quality fuels is a concern. So in summary, EPA is concerned about the in-use performance of today's vehicles (for both exhaust and evaporative compliance), perhaps even more than in the past few years.

Thus, we must deny your request.

Call me at 734-214-4450 if you would like to discuss it a little more.

Regards

From: Horton, Garrett [<mailto:Garrett.Horton@vw.com>]
Sent: Wednesday, September 04, 2013 9:08 AM
To: Good, David
Subject: RE: In-Use Verification Program - Waiver for Evaporative Testing

Hello again David,

Is there any chance that you have some time on Friday to discuss this?

Regards,

Garett

From: Horton, Garrett
Sent: Tuesday, August 20, 2013 11:57 AM
To: good.david@epa.gov
Subject: RE: In-Use Verification Program - Waiver for Evaporative Testing

Good afternoon David,

Do you happen to have any updates on this request?

Regards,

Garett

From: Horton, Garrett
Sent: Wednesday, July 31, 2013 5:10 PM
To: 'good.david@epa.gov'
Cc: Glas, Tobias; Johnson, Stuart (EEO); Schmidt, Oliver (EEO)
Subject: In-Use Verification Program - Waiver for Evaporative Testing

Hello Mr. Good,

I am Garrett Horton with Volkswagen Group of America, and I work together with Mr. Tobias Glas in the In-Use Verification Program.

Currently we are nearing the end of our MY2008 High Mileage testing program and are planning to start the MY2009 High Mileage program in the next few months. During planning we have identified a possible opportunity for us to reduce the amount of evaporative testing by the reference below:

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The Administrator may waive requirements of this subpart relating to development of emission-related information or test data if the Administrator determines with confidence that the in-use emission test verification data required in § 86.1845-01 are below the applicable emission standards for an appropriate period of time, and that such performance is likely to continue in subsequent model years.

(b) Any waiver granted under paragraph (a) of this section will be granted only if the Administrator determines that the waived requirement is not needed to assure continued emission compliance and the Administrator will have sufficient testing and other information in order to make certification decisions.

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Attached I have included a short overview of the 9 evaporative families identified and the test results we have received throughout the various years of testing.

With this, we would like to request a waiver for ORVR and SHED testing for the 9 evaporative families listed below for our MY2009 High Mileage In-Use Verification Program. As you can see, we have results dating all the way back to MY2003 which we confidently feel shows sufficient data that these evaporative families will continue to meet compliance requirements throughout the vehicle's full useful life.

- [redacted] 9**XR0110235
- [redacted] 9**XR0110236
- [redacted] 9**XR0110237
- [redacted] 9**XR0110238
- [redacted] 9**XR0125246
- [redacted] 9**XR0170273
- [redacted] 9**XR0230276
- [redacted] 9**XR0140282
- [redacted] 9**XR0170358

If you would like to discuss this further, feel free to contact me.

Regards,

Garett Horton

Engineering Analyst

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4231

Cell: (248) 797-1198

Fax: (248) 754-4207

E-Mail: Garett.Horton@vw.com

To: Good, David[good.david@epa.gov]; French, Roberts[french.roberts@epa.gov]
Cc: Sohacki, Lynn[sohacki.lynn@epa.gov]; Pidgeon, Bill[pidgeon.bill@epa.gov];
Ex. 7 [redacted]@arb.ca.gov; **Ex. 7** [redacted]@arb.ca.gov]
From: Glas, Tobias
Sent: Fri 4/12/2013 6:23:53 PM
Subject: RE: IUVP CREE question from VW - [I'll defer to Bill Pidgeon & **Ex. 7** [redacted] on how to enter data for 2012MY hwy tests]

Hi everybody !

Thanks for your response, all my questions are answered and I'm gonna start the first test results soon.

Have a nice weekend !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, April 11, 2013 4:20 PM
To: Glas, Tobias
Cc: Sohacki, Lynn; Pidgeon, Bill; **Ex. 7** @arb.ca.gov
Subject: RE: IUVP CREE question from VW - [I'll defer to Bill Pidgeon & **Ex. 7** on how to enter data for 2012MY hwy tests]

Tobias,

I'll defer to Bill Pidgeon & **Ex. 7** on how to enter data for the hwy test. We definitely need CREE and NOx data with their associated standards.

It's up to Bill & **Ex. 7** whether we also want all the usual emission constituents (NMOG, CO, MPG, etc). Some manufacturers are entering all the data for 2012 highway tests.

Dave

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, April 11, 2013 12:09 PM
To: Good, David
Cc: Sohacki, Lynn; French, Roberts
Subject: RE: CREE question from VW

Hi Dave !

Thanks for your help ! I checked 86.1818-12 (d) an 600.113-12(g)(4) and they don't mention the DFs but the Final GHG rule is pretty clear.

So I'll use the subconfiguration CREE certification values (which include DFs) to calculate the standard (+10%).

I'll also add CH4 and the standard (0.030 grams/mile) for the FTP.

For the HFET should I submit the usual emission components and the NOx standard (factor 1.33) ?

Otherwise I'll just go by the recipe you sent before.

Details:

Entered the combined CREE result in the Test Result, CREE, Weighted result fields for Test Information (TI) data sets for the FTP and HWY tests.

Entered the combined CREE standard in the In-use standard column.

As there is no bag data for a combined CREE value, a "place holder" value of '999' was entered in for CREE bag data for the FTP TI

In the comment section of the FTP and HWY TI, the CREE value for that particular test was entered

Sorry for all the trouble and please give me a short notice if I'm doing the right thing.

Thanks !

Tobias Glas

In-Use Emission Compliance Specialist

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United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Good, David [<mailto:good.david@epa.gov>]
Sent: Wednesday, April 10, 2013 6:19 PM
To: Glas, Tobias
Cc: Sohacki, Lynn; French, Roberts
Subject: RE: CREE question from VW

Tobias,

In-use CREE emission standards are a little different from other criteria pollutants. CREE is a full useful life standard. In-use CREE standards are discussed in the preamble to the final 2012-16 GHG final rule (pages 75 FR 25476-77). There is a little more information in the GHG Q&A document at <http://www.epa.gov/otaq/regs/ld-hwy/greenhouse/ld-ghg.htm>---see item 8.4.

The in-use CREE standard is calculated according to 86.1818-12(d)---which refers to 600.113-12(g)(4). My notes to that paragraph indicate that the in-use CREE standard includes DFs and is rounded to the nearest 0.1 gpm.

The policy for measuring CFEE on IUVP & EPA in-use test vehicles is outlined in 600.113-12(g)(2)(iv)(B) which indicates that DFs are not included in the test results (similar to in-use testing for any other criteria pollutant).

Hope this helps.

Call me at 734-214-4450 if you have any additional questions.

Dave

From: Sohacki, Lynn
Sent: Wednesday, April 10, 2013 3:54 PM
To: Good, David
Subject: CREE question from VW

Hi, Dave.

Tobias' phone number is below. Thanks for contacting him.

Lynn

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]
Sent: Friday, April 05, 2013 1:15 PM
To: Sohacki, Lynn
Subject: RE: Hello

Hi Lynn !

Quick question upfront.

The statement in 600.113-12 doesn't mention any DFs are being used in determining the applicable In-Use CO2 emission standard.

So we calculate the In Use standard without DFs? Because all the CREE values for the fleet are calculated with DFs, so the In Use values will be different.

Have a nice weekend, I'll talk to you next week.

Best regards

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]

Sent: Friday, April 05, 2013 10:10 AM

To: Glas, Tobias

Subject: RE: Hello

Hi, Tobias.

Thanks for your message. I'm checking about the best way to handle CREE values and will get back to you as soon as I determine the best course of action.

I hope you have a good weekend!

Lynn

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]

Sent: Thursday, April 04, 2013 11:15 AM

To: Sohacki, Lynn

Subject: RE: Hello

Hi Lynn !

I have a few questions about submitting CREE values for My 12. Should we handle that via Email or should I come over next week to meet you?

Let me know what is more convenient for you !

Thanks for your help !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki.Lynn@epamail.epa.gov [mailto:Sohacki.Lynn@epamail.epa.gov]

Sent: Wednesday, February 06, 2013 4:07 PM

To: Glas, Tobias

Subject: Hello!

Hi, Tobias.

I look forward to working with you in EPA's in-use program. Please feel free to call me if you have any questions.

Regards,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

To: Glas, Tobias[Tobias.Glas@vw.com]
Cc: Sohacki, Lynn[sohacki.lynn@epa.gov]; Pidgeon, Bill[pidgeon.bill@epa.gov];
Ex. 7@arb.ca.gov; **Ex. 7**@arb.ca.gov]
From: Good, David
Sent: Thur 4/11/2013 8:19:44 PM
Subject: RE: IUVP CREE question from VW - [I'll defer to Bill Pidgeon & **Ex. 7** on how to enter data for 2012MY hwy tests]

Tobias,

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Sorry for all the trouble and please give me a short notice if I'm doing the right thing.

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To: Sohacki, Lynn
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Best regards

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

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To: Glas, Tobias

Subject: RE: Hello

Hi, Tobias.

Thanks for your message. I'm checking about the best way to handle CREE values and will get

back to you as soon as I determine the best course of action.

I hope you have a good weekend!

Lynn

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]
Sent: Thursday, April 04, 2013 11:15 AM
To: Sohacki, Lynn
Subject: RE: Hello

Hi Lynn !

I have a few questions about submitting CREE values for My 12. Should we handle that via Email or should I come over next week to meet you?

Let me know what is more convenient for you !

Thanks for your help !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki.Lynn@epamail.epa.gov [mailto:Sohacki.Lynn@epamail.epa.gov]

Sent: Wednesday, February 06, 2013 4:07 PM

To: Glas, Tobias

Subject: Hello!

Hi, Tobias.

I look forward to working with you in EPA's in-use program. Please feel free to call me if you have any questions.

Regards,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

To: Good, David[good.david@epa.gov]
Cc: French, Roberts[french.roberts@epa.gov]; Schmidt, Oliver (EEO)[Oliver.Schmidt@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Thur 12/26/2013 2:05:12 PM
Subject: RE: 2012 CAFE VW Model Year Report -Import Pass Car CAFE standard in VW letter (30.7mpg) disagrees with Verify (33.674)

Hi Dave;

I checked the files and found that our letter you attached contained a typo, the correct Import Passenger Car CAFE reformed standard should be 33.7 MPG as you see from the Verify processing report, and not the 30.7 MPG. I will revise the letter, if you prefer, when I am back in the office on January 7th.

Happy New Year!

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Monday, December 23, 2013 2:34 PM
To: Thomas, Richard (EEO)
Cc: French, Roberts; Schmidt, Oliver (EEO); Snyder, Jim
Subject: 2012 CAFE VW Model Year Report -Import Pass Car CAFE standard in VW letter (30.7mpg) disagrees with Verify (33.674)

Richard,

While reviewing VW's 2012 Passenger Car CAFE letter & the data in Verify, I noticed a discrepancy in the VW letter (attached) and the Verify Report (attached) for the Import passenger car CAFE standard. Page 1 of VW letter indicates an Import Pass Car standard of 30.7 mpg while the Verify report indicates a manufacturer input CAFE standard of 33.674.

Your CAFE letter didn't supply the footprint standards calculations, so I can't double check the standard listed on page 1 of the letter.

Based on the footprint data which you entered into Verify, Verify calculated a CAFE standard of 33.7 mpg.

Please advise.

Thanks

Manufacturer Name:		Volkswagen		Manufacturer Code:		VWX			
Model Year:		2012		Compliance Category:		Passenger Vehicles			
Calculation Summary									
Baseline Calculation:	CAFE Domestic		CAFE Import		GHG		GHG TLAAS		
	Mfr	Verify	Mfr	Verify	Mfr	Verify	Mfr	Verify	
	Unrounded Unadjusted	33.4335	33.4335	32.9492	32.9492	273.667	273.6587	--	--
	Unrounded Adjusted (TPA)	33.6676	33.6676	33.1948	33.1949	N/A	N/A	N/A	N/A
	Rounded Adjusted (TPA)	33.7	33.7	33.2	33.2	274	274	--	--
Final Calculation:									
	Unrounded Unadjusted	33.4335	33.4335	33.0766	33.0766	272.7599	272.7516	--	--
	Unrounded Adjusted (TPA)	33.6676	33.6676	33.3231	33.3232	N/A	N/A	N/A	N/A
	Rounded Adjusted (TPA)	33.7	33.7	33.3	33.3	273	273	--	--
	Final Production Volume	Ex. 4 - CBI						--	--
	Official Value	33.7	33.7	33.3	33.3	273	273	--	--
	Unrounded Reformed Standard	32.1479	32.1479	33.674	33.6787	263.1	263.1	--	--
	Rounded Reformed Standard	--	32.1	--	33.7	--	263	--	--
Calculation Method:		CREE							
Mfr Final Status:		Yes							
Reformed Standard Comment:		--							
CAFE/GHG Calculation Errors:		--							

CAFE/GHG Draft Calculation Information Report

CAFE ID: 689

Manufacturer Name: Volkswagen
Model Year: 2012

Manufacturer Code:
Compliance Category:

VWX
 Passenger Vehicles

					Prod.Val.	Test.Val.							
Mfr Cd	MT Index	Dom/Imp	Div	CL	City	Hwy	Comb	City	Hwy	Comb	City	Hwy	Comb
ADX	3	Import	2	293	27.0121	42.7212	32.368	--	--	--	27.0121	42.7212	32.368
ADX	4	Import	2	293	25.7135	41.7856	31.0956	--	--	--	25.7135	41.7856	31.0956
ADX	9	Import	1	80	31.4	46.9	36.8857	--	--	--	31.4	46.9	36.8857
ADX	10	Import	1	70	22.9	37.4	27.7396	--	--	--	22.9	37.4	27.7396
ADX	11	Import	1	75	23.1	37.5	27.9255	--	--	--	23.1	37.5	27.9255
ADX	20	Import	1	10	29.2669	42.8335	34.1316	--	--	--	29.2669	42.8335	34.1316
ADX	21	Import	1	51	29.2669	42.8335	34.1316	--	--	--	29.2669	42.8335	34.1316
ADX	29	Import	1	20	26.0806	39.7929	30.867	--	--	--	26.0806	39.7929	30.867
ADX	30	Import	1	40	26.0806	39.7929	30.867	--	--	--	26.0806	39.7929	30.867
ADX	31	Import	1	25	26.0806	39.7929	30.867	--	--	--	26.0806	39.7929	30.867
ADX	32	Import	1	53	26.0806	39.7929	30.867	--	--	--	26.0806	39.7929	30.867
ADX	33	Import	1	20	27.628	42.4302	32.7729	--	--	--	27.628	42.4302	32.7729
ADX	34	Import	1	40	27.628	42.4302	32.7729	--	--	--	27.628	42.4302	32.7729
ADX	37	Import	1	30	21.6	35	26.096	--	--	--	21.6	35	26.096
ADX	38	Import	1	56	20.3	34	24.7961	--	--	--	20.3	34	24.7961
ADX	39	Import	1	30	21.5	34.1	25.7879	--	--	--	21.5	34.1	25.7879
ADX	40	Import	1	92	15.5398	24.5419	18.612	--	--	--	15.5398	24.5419	18.612
ADX	41	Import	1	90	15.5398	24.5419	18.612	--	--	--	15.5398	24.5419	18.612
ADX	42	Import	1	92	13.7	23.5099	16.8671	--	--	--	13.7	23.5099	16.8671
ADX	43	Import	1	90	13.7	23.5099	16.8671	--	--	--	13.7	23.5099	16.8671
ADX	44	Import	2	211	29.8054	43.2753	34.6601	--	--	--	29.8054	43.2753	34.6601
ADX	56	Import	1	42	17.3	29.3	21.2088	--	--	--	17.3	29.3	21.2088
ADX	57	Import	1	42	20.4	31	24.1098	--	--	--	20.4	31	24.1098
ADX	60	Import	1	96	21.7	35.2	26.2263	--	--	--	21.7	35.2	26.2263
ADX	61	Import	1	95	21.7	35.2	26.2263	--	--	--	21.7	35.2	26.2263
ADX	62	Import	3	406	16.1	25.4	19.276	--	--	--	16.1	25.4	19.276
ADX	63	Import	3	426	16	25.4	19.197	--	--	--	16	25.4	19.197
ADX	64	Import	3	406	14	24	17.2308	--	--	--	14	24	17.2308
ADX	66	Import	1	92	16.0427	27.4569	19.7344	--	--	--	16.0427	27.4569	19.7344
ADX	67	Import	1	65	25.3	40.3	30.3902	--	--	--	25.3	40.3	30.3902
ADX	68	Import	1	65	26.6	38.2	30.8102	--	--	--	26.6	38.2	30.8102
ADX	69	Import	1	66	27.2	37.1	30.9119	--	--	--	27.2	37.1	30.9119
ADX	70	Import	1	37	28.174	41.7864	33.0135	--	--	--	28.174	41.7864	33.0135
ADX	71	Import	1	38	28.174	41.7864	33.0135	--	--	--	28.174	41.7864	33.0135
ADX	73	Import	1	90	16.0427	27.4569	19.7344	--	--	--	16.0427	27.4569	19.7344
ADX	74	Import	1	92	13.6735	24.6004	17.0893	--	--	--	13.6735	24.6004	17.0893

EX. 4 - CBI

Manufacturer Name: Volkswagen
Model Year: 2012

Manufacturer Code: VWX
Compliance Category: Passenger Vehicles

ADX	75	Import	1	90	13.6735	24.6004	17.0893	--	--	--	--	13.6735	24.6004	17.0893
ADX	80	Import	1	61	21.2	34.2	25.5746	--	--	--	--	21.2	34.2	25.5746
ADX	83	Import	2	160	27.2963	37.1906	31.0086	--	--	--	--	27.2963	37.1906	31.0086
ADX	84	Import	2	160	21.7	35.8	26.3745	--	--	--	--	21.7	35.8	26.3745
ADX	89	Import	2	212	23.9	37.1	28.456	--	--	--	--	23.9	37.1	28.456
ADX	165	Import	3	426	13	22.6	16.0722	--	--	--	--	13	22.6	16.0722
BEX	8	Import	1	15	12.7	23.4	15.9903	--	--	--	--	12.7	23.4	15.9903
BEX	12	Import	1	40	13.7	24.6	17.112	9.5	17.3	11.9181	22.527	22.527	40.5507	28.1593
BEX	13	Import	1	55	13.9	24.7	17.3049	10.3	17.2	12.569	23.1199	23.1199	40.6448	28.6857
BEX	14	Import	1	35	13.9	24.7	17.3049	10.3	17.2	12.569	23.1199	23.1199	40.6448	28.6857
BEX	88	Import	1	45	13.7	24.6	17.112	9.5	17.3	11.9181	22.527	22.527	40.5507	28.1593
BGT	85	Import	1	500	10	17.9	12.4782	--	--	--	10	10	17.9	12.4782
NI.X	7	Import	1	475	12.5	22.7	15.6681	--	--	--	12.5	22.7	15.6681	
VWX	1	Domestic	1	280	26.9263	40.6206	31.7418	--	--	--	26.9263	40.6206	31.7418	
VWX	2	Domestic	1	280	26.2361	43.3967	31.9153	--	--	--	26.2361	43.3967	31.9153	
VWX	5	Import	1	216	27.5	41.5	32.4219	--	--	--	27.5	41.5	32.4219	
VWX	16	Import	2	96	16.7	28.3	20.477	--	--	--	16.7	28.3	20.477	
VWX	17	Import	1	221	29.4666	44.897	34.8576	--	--	--	29.4666	44.897	34.8576	
VWX	18	Import	1	221	26.5443	45.0964	32.5746	--	--	--	26.5443	45.0964	32.5746	
VWX	19	Domestic	1	280	23.9	37.3	28.5088	--	--	--	23.9	37.3	28.5088	
VWX	22	Import	1	225	27.6217	42.4797	32.7814	--	--	--	27.6217	42.4797	32.7814	
VWX	23	Import	1	221	27.6217	42.4797	32.7814	--	--	--	27.6217	42.4797	32.7814	
VWX	24	Import	1	206	27.6217	42.4797	32.7814	--	--	--	27.6217	42.4797	32.7814	
VWX	25	Import	1	230	27.172	38.8543	31.4237	--	--	--	27.172	38.8543	31.4237	
VWX	26	Import	1	225	26.2168	44.2259	32.0986	--	--	--	26.2168	44.2259	32.0986	
VWX	27	Import	1	221	26.2168	44.2259	32.0986	--	--	--	26.2168	44.2259	32.0986	
VWX	28	Import	1	206	26.2168	44.2259	32.0986	--	--	--	26.2168	44.2259	32.0986	
VWX	45	Import	1	230	26.5	41.7262	31.7065	--	--	--	26.5	41.7262	31.7065	
VWX	46	Import	2	211	25.9213	41.0913	31.0855	--	--	--	25.9213	41.0913	31.0855	
VWX	48	Domestic	1	280	38.2	62.8	46.3746	--	--	--	38.2	62.8	46.3746	
VWX	49	Import	1	225	37.6	56.2	44.1798	--	--	--	37.6	56.2	44.1798	
VWX	50	Import	1	221	39.0595	59.3797	46.1693	--	--	--	39.0595	59.3797	46.1693	
VWX	51	Import	1	206	39.0595	59.3797	46.1693	--	--	--	39.0595	59.3797	46.1693	
VWX	52	Import	2	65	39.0595	59.3797	46.1693	--	--	--	39.0595	59.3797	46.1693	
VWX	53	Import	1	225	38.778	60.3377	46.2079	--	--	--	38.778	60.3377	46.2079	
VWX	54	Import	1	221	38.778	60.3377	46.2079	--	--	--	38.778	60.3377	46.2079	
VWX	55	Import	1	206	38.778	60.3377	46.2079	--	--	--	38.778	60.3377	46.2079	
VWX	58	Import	1	298	20.5	33.5	24.8373	--	--	--	20.5	33.5	24.8373	

Ex. 4 - CBI

Manufacturer Name:		Volkswagen		Manufacturer Code:		VW X	
Model Year:		2012		Compliance Category:		Passenger Vehicles	
VW X	76	Domestic	1	280			
VW X	78	Import	1	221			
VW X	79	Import	1	221			
VW X	86	Import	2	230			
VW X	87	Import	1	230			
VW X	90	Import	1	235			
VW X	91	Import	1	235			

Ex. 4 - CBI

37.9	56.8	44.5744	--	--	--	37.9	56.8	44.5744
28.1	41.499	32.8768	--	--	--	28.1	41.499	32.8768
28.8	46.2	34.6771	--	--	--	28.8	46.2	34.6771
25.4597	41.4194	30.8003	--	--	--	25.4597	41.4194	30.8003
26.3336	42.6003	31.7973	--	--	--	26.3336	42.6003	31.7973
26.3255	37.8827	30.5147	--	--	--	26.3255	37.8827	30.5147
26.8	40.6	31.6394	--	--	--	26.8	40.6	31.6394

Manufacturer Name: Volkswagen
Model Year: 2012

Manufacturer Code: VWX
Compliance Category: Passenger Vehicles

Mfr Cd	MT Index	TLAAS	Div	CL	Ped Val	Test Val						
ADX	3	No	2	293			City	Hwy	Comb	City	Hwy	Comb
ADX	4	No	2	293			327.3	206.6	273	--	--	--
ADX	9	No	1	80			345.1	212.7	285.6	--	--	--
ADX	10	No	1	70			283	189	240.7	--	--	--
ADX	11	No	1	75			389	239	321.5	--	--	--
ADX	20	No	1	10			385	238	318.8	--	--	--
ADX	21	No	1	51			303.2	207.2	260	--	--	--
ADX	29	No	1	20			303.2	207.2	260	--	--	--
ADX	30	No	1	40			340.1	222.9	287.4	--	--	--
ADX	31	No	1	25			340.1	222.9	287.4	--	--	--
ADX	32	No	1	53			340.1	222.9	287.4	--	--	--
ADX	33	No	1	20			320.7	208.3	270.1	--	--	--
ADX	34	No	1	40			320.7	208.3	270.1	--	--	--
ADX	37	No	1	30			411	253	339.9	--	--	--
ADX	38	No	1	56			437	262	358.2	--	--	--
ADX	39	No	1	30			412	260	343.6	--	--	--
ADX	40	No	1	92			572.1	361.4	477.2	--	--	--
ADX	41	No	1	90			572.1	361.4	477.2	--	--	--
ADX	42	No	1	92			648.4	379.3	527.3	--	--	--
ADX	43	No	1	90			648.4	379.3	527.3	--	--	--
ADX	44	No	2	211			296.9	204.3	255.3	--	--	--
ADX	56	No	1	42			514	304	419.5	--	--	--
ADX	57	No	1	42			437	288	370	--	--	--
ADX	60	No	1	96			409	252	338.4	--	--	--
ADX	61	No	1	95			409	252	338.4	--	--	--
ADX	62	No	3	406			554	351	462.6	--	--	--
ADX	63	No	3	426			558	350	464.4	--	--	--
ADX	64	No	3	406			637	372	517.8	--	--	--
ADX	66	No	1	92			556	326.1	452.5	--	--	--
ADX	67	No	1	65			351	220	292	--	--	--
ADX	68	No	1	65			334	233	288.6	--	--	--
ADX	69	No	1	66			326	239	286.8	--	--	--
ADX	70	No	1	37			315.8	212.3	269.2	--	--	--
ADX	71	No	1	38			315.8	212.3	269.2	--	--	--
ADX	73	No	1	90			556	326.1	452.5	--	--	--
ADX	74	No	1	92			653.3	363.5	522.9	--	--	--

Ex. 4 - CBI

Baseline Fuel			Dual Fuel / Alt Fuel			Final Calculation		
City	Hwy	Comb	City	Hwy	Comb	City	Hwy	Comb
327.3	206.6	273	--	--	--	327.3	206.6	273
345.1	212.7	285.6	--	--	--	345.1	212.7	285.6
283	189	240.7	--	--	--	283	189	240.7
389	239	321.5	--	--	--	389	239	321.5
385	238	318.8	--	--	--	385	238	318.8
303.2	207.2	260	--	--	--	303.2	207.2	260
303.2	207.2	260	--	--	--	303.2	207.2	260
340.1	222.9	287.4	--	--	--	340.1	222.9	287.4
340.1	222.9	287.4	--	--	--	340.1	222.9	287.4
340.1	222.9	287.4	--	--	--	340.1	222.9	287.4
340.1	222.9	287.4	--	--	--	340.1	222.9	287.4
340.1	222.9	287.4	--	--	--	340.1	222.9	287.4
320.7	208.3	270.1	--	--	--	320.7	208.3	270.1
320.7	208.3	270.1	--	--	--	320.7	208.3	270.1
411	253	339.9	--	--	--	411	253	339.9
437	262	358.2	--	--	--	437	262	358.2
412	260	343.6	--	--	--	412	260	343.6
572.1	361.4	477.2	--	--	--	572.1	361.4	477.2
572.1	361.4	477.2	--	--	--	572.1	361.4	477.2
648.4	379.3	527.3	--	--	--	648.4	379.3	527.3
648.4	379.3	527.3	--	--	--	648.4	379.3	527.3
296.9	204.3	255.3	--	--	--	296.9	204.3	255.3
514	304	419.5	--	--	--	514	304	419.5
437	288	370	--	--	--	437	288	370
409	252	338.4	--	--	--	409	252	338.4
409	252	338.4	--	--	--	409	252	338.4
554	351	462.6	--	--	--	554	351	462.6
558	350	464.4	--	--	--	558	350	464.4
637	372	517.8	--	--	--	637	372	517.8
556	326.1	452.5	--	--	--	556	326.1	452.5
351	220	292	--	--	--	351	220	292
334	233	288.6	--	--	--	334	233	288.6
326	239	286.8	--	--	--	326	239	286.8
315.8	212.3	269.2	--	--	--	315.8	212.3	269.2
315.8	212.3	269.2	--	--	--	315.8	212.3	269.2
556	326.1	452.5	--	--	--	556	326.1	452.5
653.3	363.5	522.9	--	--	--	653.3	363.5	522.9

Manufacturer Name: Volkswagen
Model Year: 2012

Manufacturer Code:
Compliance Category: Passenger Vehicles

ADX	75	No	1	90	653.3	363.5	522.9	--	--	--	653.3	363.5	522.9
ADX	80	No	1	61	421	261	349	--	--	--	421	261	349
ADX	83	No	2	160	325.5	238.5	286.4	--	--	--	325.5	238.5	286.4
ADX	84	No	2	160	408	248	336	--	--	--	408	248	336
ADX	89	No	2	212	373	240	313.2	--	--	--	373	240	313.2
ADX	165	No	3	426	683	394	553	--	--	--	683	394	553
BEX	8	No	1	15	702	379	556.6	--	--	--	702	379	556.6
BEX	12	No	1	40	650	361	520	651	357	518.7	373.8	207.3	298.9
BEX	13	No	1	55	640	359	513.6	604	359	493.8	365.3	206.4	293.8
BEX	14	No	1	35	640	359	513.6	604	359	493.8	365.3	206.4	293.8
BEX	88	No	1	45	650	361	520	651	357	518.7	373.8	207.3	298.9
BGT	85	No	1	500	885	495	709.5	--	--	--	885	495	709.5
NI.X	7	No	1	475	711	393	567.9	--	--	--	711	393	567.9
VW.X	1	No	1	280	329.7	218.7	279.7	--	--	--	329.7	218.7	279.7
VW.X	2	No	1	280	338.8	204.5	278.3	--	--	--	338.8	204.5	278.3
VW.X	5	No	1	216	321	213	272.4	--	--	--	321	213	272.4
VW.X	16	No	2	96	532	313	433.4	--	--	--	532	313	433.4
VW.X	17	No	1	221	301.3	197.7	254.7	--	--	--	301.3	197.7	254.7
VW.X	18	No	1	221	334.6	196.8	272.5	--	--	--	334.6	196.8	272.5
VW.X	19	No	1	280	373	238	312.2	--	--	--	373	238	312.2
VW.X	22	No	1	225	321.1	208.9	270.7	--	--	--	321.1	208.9	270.7
VW.X	23	No	1	221	321.1	208.9	270.7	--	--	--	321.1	208.9	270.7
VW.X	24	No	1	206	321.1	208.9	270.7	--	--	--	321.1	208.9	270.7
VW.X	25	No	1	230	327.1	228.6	282.7	--	--	--	327.1	228.6	282.7
VW.X	26	No	1	225	337.9	200.8	276.2	--	--	--	337.9	200.8	276.2
VW.X	27	No	1	221	337.9	200.8	276.2	--	--	--	337.9	200.8	276.2
VW.X	28	No	1	206	337.9	200.8	276.2	--	--	--	337.9	200.8	276.2
VW.X	45	No	1	230	335	212.9	280.1	--	--	--	335	212.9	280.1
VW.X	46	No	2	211	343.1	216	285.9	--	--	--	343.1	216	285.9
VW.X	48	No	1	280	266	162	219.2	--	--	--	266	162	219.2
VW.X	49	No	1	225	271	182	231	--	--	--	271	182	231
VW.X	50	No	1	221	261	172.3	221.1	--	--	--	261	172.3	221.1
VW.X	51	No	1	206	261	172.3	221.1	--	--	--	261	172.3	221.1
VW.X	52	No	2	65	261	172.3	221.1	--	--	--	261	172.3	221.1
VW.X	53	No	1	225	263.3	169.5	221.1	--	--	--	263.3	169.5	221.1
VW.X	54	No	1	221	263.3	169.5	221.1	--	--	--	263.3	169.5	221.1
VW.X	55	No	1	206	263.3	169.5	221.1	--	--	--	263.3	169.5	221.1
VW.X	58	No	1	298	435	265	358.5	--	--	--	435	265	358.5

EX. 4 - CBI

Manufacturer Name:		Volkswagen		Manufacturer Code:		VW X	
Model Year:		2012		Compliance Category:		Passenger Vehicles	
VW X	76	No	1	280			
VW X	78	No	1	221			
VW X	79	No	1	221			
VW X	86	No	2	230			
VW X	87	No	1	230			
VW X	90	No	1	235			
VW X	91	No	1	235			

Ex. 4 - CBI

268	179	228	--	--	--	268	179	228
316	214	270.1	--	--	--	316	214	270.1
308	192	255.8	--	--	--	308	192	255.8
348.8	214.4	288.3	--	--	--	348.8	214.4	288.3
336.7	208.5	279	--	--	--	336.7	208.5	279
337.7	235.1	291.5	--	--	--	337.7	235.1	291.5
332	219	281.2	--	--	--	332	219	281.2

Model Type Calculation Errors

CAFE/CHG Draft Calculation Information Report

CAFE ID: 689

Manufacturer Name: Volkswagen
Model Year: 2012

Manufacturer Code:
Compliance Category:

VWX
Passenger Vehicles

Mfr Cd	Div	CL	FP Index	Footprint Description	Reformed CAFE Standard			Greenhouse Gas Standard		
					Trgt FE	Cmpl Cat	Prd Vol	Trgt GHG	GHG Vol	TLAAS
ADX	1	10	1	A4 225/50R17	32.42	Import		270.9	5031	--
ADX	1	20	1	A4 quattro 225/50R17	32.42	Import		270.9	19892	--
ADX	1	25	1	A4 Avant quattro 225/50R17	32.42	Import		270.9	2612	--
ADX	1	30	1	S4 245/40R18	32.42	Import		270.9	4036	--
ADX	1	37	1	TT Coupe quattro 255/35R19	35.88	Import		244.5	1261	--
ADX	1	38	1	TT Roadster quattro 255/35R19	35.88	Import		244.5	576	--
ADX	1	40	1	A5 quattro 245/40R18	32.36	Import		271.4	6584	--
ADX	1	42	1	S5 255/35R19	32.48	Import		270.5	2413	--
ADX	1	51	1	A5 Cabriolet 245/40R18	32.36	Import		271.4	618	--
ADX	1	53	1	A5 Cabriolet quattro 245/40R18	32.36	Import		271.4	3007	--
ADX	1	56	1	S5 Cabriolet 255/35R19	32.48	Import		270.5	1261	--
ADX	1	61	1	TTRS 255/35R19	35.88	Import		244.5	422	--
ADX	1	65	1	A3 225/45R17	35.34	Import		248.3	2767	--
ADX	1	66	1	A3 quattro 225/45R17	35.34	Import		248.3	633	--
ADX	1	70	1	A7 quattro 255/45R18	30.04	Import		292.6	11768	--
ADX	1	75	1	A6 quattro 225/55R17	30.23	Import		290.7	16152	--
ADX	1	80	1	A6 225/55R17	30.23	Import		290.7	2222	--
ADX	1	90	1	R8 235/35R19	32.76	Import		268.1	814	--
ADX	1	92	1	R8 Spyder 235/35R19 and 295/30R19	32.76	Import		268.1	458	--
ADX	1	95	1	A8 255/40R19	29.29	Import		300.2	563	--
ADX	1	96	1	A8L 255/40R19	28.28	Import		311	3792	--
ADX	2	160	1	Tiguan 215/65R16	28.65	Import		306.4	9383	--
ADX	2	160	2	Tiguan SE low roll 235/50R18	28.8	Import		304.7	8879	--
ADX	2	211	1	GTI 225/40R18	35.08	Import		250.2	18586	--
ADX	2	212	1	Golf R 225/40R18 awd	35.08	Import		250.2	2822	--
ADX	2	230	1	Beetle 2.0T 235/45R18	34.95	Import		251.1	2212	--
ADX	2	293	1	CC 235/45R17	33.22	Import		264.3	29135	--
ADX	3	406	1	Gallardo 235/35R19 295/30R19	33.7	Import		260.5	154	--
ADX	3	426	1	Gallardo Spyder 235/35R19 295/30R19	33.7	Import		260.5	131	--
BEX	1	15	1	Mulsanne 265/65R20	27.95	Import		315	233	--
BEX	1	35	1	GT 275/40R19	31.87	Import		275.6	994	--
BEX	1	40	1	Flying Spur 275/40R19	29.11	Import		302.1	395	--
BEX	1	45	1	GTC 275/40R19	31.87	Import		275.6	589	--
BEX	1	55	1	Continental Supersports Convertible 275/35R20	31.55	Import		278.5	82	--
BGT	1	500	1	Veyron	31.29	Import		280.8	5	--
NLX	1	475	1	Aventador 255/35R19 335/30R20	30.83	Import		285.1	252	--

Ex. 4 - CBI

CAFE/GHG Draft Calculation Information Report

CAFE ID: 689

Manufacturer Name:		Volkswagen		Manufacturer Code:		VWX			
Model Year:		2012		Compliance Category:		Passenger Vehicles			
VWX	1	206	1	Golf 195/65R15	35.01	Import	250.6	11120	--
VWX	1	206	2	Golf TDI 225/45R17	35.27	Import	248.7	11265	--
VWX	1	216	1	Eos 235/45R17	34.69	Import	253	11140	--
VWX	1	221	1	Jetta 205/55 R16	34.12	Import	257.2	117966	--
VWX	1	221	2	Jetta (MPI) 195/65/R15	34.06	Import	257.7	27717	--
VWX	1	221	3	Jetta (GLI) 225/45 R17	34.31	Import	255.8	8767	--
VWX	1	225	1	Jetta SportWagen 205/55R16	35.08	Import	250.2	23703	--
VWX	1	230	1	Beetle 2.0T 235/45R18	34.95	Import	251.1	7397	--
VWX	1	230	2	Beetle 2.5L 215/55R17	34.82	Import	252	20863	--
VWX	1	235	1	Beetle Convertible 2.0T 235/45R18	34.95	Import	251.1	150	--
VWX	1	280	1	Passat (TDI) 215/55 R17	32.14	Domestic	273.3	18676	--
VWX	1	280	2	Passat (VR6) 235/45 R18	32.31	Domestic	271.9	4457	--
VWX	1	280	3	Passat (2.5) 215/60 R16	32.14	Domestic	273.3	72450	--
VWX	1	298	1	CC 4Motion 235/40R18	33.22	Import	264.3	215	--
VWX	2	65	1	A3 TDI 225/45R17	35.34	Import	248.3	3887	--
VWX	2	96	1	A8L 255/40R19 12 cyl	28.28	Import	311	183	--

Ex. 4 - CBI

VOLKSWAGEN

GROUP OF AMERICA

Mr. Linc Wehrly
Compliance and Innovative Strategies Division
Light-Duty Vehicle Group
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Mr. Oliver Schmidt Name
General Manager Title
EEO Department
248 754 4201 Phone
248 754 4207 Fax
Oliver.Schmidt@vw.com E-Mail

May 30, 2013 Date

Subject: VOLKSWAGEN Group 2012 Final Passenger Car CAFE Reports

Dear Mr. Wehrly;

Enclosed is the manufacturer's calculation for the 2012 final fuel economy average. This calculation is provided for the VOLKSWAGEN Import and Domestic Passenger Car categories and in accordance to the regulations contained in 40 CFR 600.510-12. The final CAFE values are based upon approved EPA fuel economy data and final production volumes for the 2012 model year vehicles.

The Import Passenger Car category report has successfully been processed using the Verify system. The Baseline (Non-AMFA) CAFE adjusted value is 33.2 MPG. The adjusted CAFE with AMFA Credits included is **33.3** MPG. This value does not exceed the maximum cap and increase for 2012 of 1.2 MPG as specified in paragraph (h) of 40 CFR 600.510-12.

The calculated reformed CAFE Import category standard is **30.7** MPG, as specified in paragraph (c) of 49 CFR 531.5.

The Domestic Passenger Car category report has successfully been processed using the Verify system. The final CAFE value is **33.7** MPG.

The calculated reformed CAFE Domestic category standard is **32.1** MPG, as specified in paragraph (c) of 49 CFR 531.5.

The attachments to this letter contain the domestic content calculation as requested in the EPA certification mail-out CD-92-06. The Volkswagen Group of America, Inc. procedure for this calculation follows the procedure outlined in 40 CFR 600.511-08. Our procedure is described as follows:

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE +1 248 754 5000

- For vehicles produced outside of the NAFTA territory, the "declared value" of foreign components is basically, the ex factory value of each of the models which we have imported. The freight and insurance is added to this value and is labeled as "adjusted import value". The value of U.S. components has not been excluded because this value is included in the declared value upon importation of the vehicles. The "cost of production" as defined in the regulations equates to our wholesale price to the dealer.
- For vehicles produced within the NAFTA territory (Mexico), we followed the procedure established according to NAFTA Appendix 300-A.3, where Paragraph 1 states:

"For purposes of the Energy Policy and Conservation Act of 1975, 42 U.S.C. 6201...the United States shall consider an automobile to be domestically manufactured in any model year if at least 75 percent of the cost to the manufacturer of such automobile is attributable to value added in Canada, Mexico or the United States...Paragraph 1 shall apply beginning with the next model year after January 1, 2004, where the enterprise subject to the fuel economy requirements for those automobiles under the CAFE Act, has not made an election under subparagraph a)."

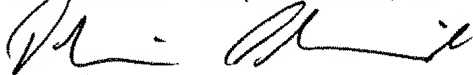
For purposes of paragraph 1, and according to 40 CFR 600.511-08, the ratio obtained in the domestic production determination was obtained from dividing the sum of the declared value (as defined in §600.502) of all of the imported components installed or included on automobiles produced within such a car line within a given model year plus the cost of transportation and insuring such components to the United States Port of entry, by the cost of production (as defined in §600.502) of all automobiles within such a car line.

The calculated results for each model are listed in the right column entitled CAFE Ratio. These values are clearly greater than the 0.25 ratio and therefore all Volkswagen Group carlines, with the exception of the Passat, are determined to be Import within the Import category Passenger Car report.

The Volkswagen Passat models are assembled in the Chattanooga, Tennessee USA manufacturing facility and are in the Domestic category Passenger Car report.

If you have any questions or require additional information, please contact me or Mr. Richard Thomas at (248) 754-4213.

Sincerely,
VOLKSWAGEN Group of America, Inc.



Mr. Oliver Schmidt
General Manager
Engineering and Environmental Office

Attachments

INDEX #	Brand	Carline	Engine	DISP	Trans	CITY	HWY	COMB Round	Model Type Sales	Weighted Sales/MPG
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Ex. 4 - CBI

INDEX #	Brand	Carline	Engine	DISP	Trans	CITY	HWY	COMB Round	Model Type Sales	Weighted Sales/MPG
---------	-------	---------	--------	------	-------	------	-----	---------------	---------------------	-----------------------

Ex. 4 - CBI

VWGoA Domestic Category Passenger Car

INDEX #	Brand	Carline	Engine	DISP	Trans	CITY	HWY	COMB Round	Model Type Sales	Weighted Sales/MPG
---------	-------	---------	--------	------	-------	------	-----	---------------	---------------------	-----------------------

Ex. 4 - CBI

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Tue 12/17/2013 4:38:25 PM
Subject: Certification Preview Meeting

Hi Jim:

As you know, we have submitted some cert requests and I see that you are looking over the information. In light of the workload, I imagine that we may have to wait until after the holiday for a certification preview meeting, (unless you think it can fit in yet this week). Please let me know what you think. If it is after the holiday, when is the soonest available date. We should be back in full swing beginning Jan.6, 2014.

Regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, December 05, 2013 6:14 PM
To: Kata, Leonard (EEO)
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

There are several other pre-cert mtgs next week. Monday is booked. I think Tue, wed and thurs afternoons are open. Do you expect to submit many cert requests this month? If not, we can hold off to after the holiday if we have trouble setting a time.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Thursday, December 05, 2013 5:58 PM
To: Snyder, Jim
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

Hello Jim:

Thanks for the update. I am not in the office tomorrow; However, is there a day next week that works for you for a pre-cert meeting? I recall that your availability in December may be limited.

Best Regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Thursday, December 05, 2013 5:49 PM

To: Giles, Michael (EEO)

Cc: Rodgers, William (EEO); Kata, Leonard (EEO)

Subject:

Mike, Len, I now have the GHG pre-cert report, the Pre-cert mtg handout and the Request for ADP approval letter. I think that is sufficient to allow me to review a few early 2015 certificates. I'll review the ADP approval request next week.

I still want to have a Pre-Cert mtg with Len. We have them with all the manufacturers and they are very useful .

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Mon 12/16/2013 7:25:53 PM
Subject: RE: VW Group Certificate Requests

Thanks for the update.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, December 16, 2013 2:21 PM
To: Giles, Michael (EEO)
Cc: Allen, Gregory; Kata, Leonard (EEO); Thomas, Richard (EEO); Rodgers, William (EEO)
Subject: RE: VW Group Certificate Requests

Mike, While I still have 2 other cert requests ahead of the 2 VW to finish reviewing, I have reviewed the request for durability carry-over and gave VW's 2 requests a quick scan. I didn't see any issues. I plan to complete everything before my last day, Thursday.

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Monday, December 16, 2013 9:45 AM
To: Snyder, Jim
Cc: Allen, Gregory; Kata, Leonard (EEO); Thomas, Richard (EEO); Rodgers, William (EEO)
Subject: RE: VW Group Certificate Requests

Hi Jim,

I just left a voicemail to follow up on the two test groups below. Please let us know status of these or if you need anything from us to proceed.

Thanks,

Mike

From: Rodgers, William (EEO)
Sent: Friday, December 06, 2013 11:49 AM

To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Giles, Michael (EEO); Allen, Gregory; Kata, Leonard (EEO)
Subject: VW Group Certificate Requests

Hello Jim,

We have submitted certification requests to Verify for the following 2015 test groups, as previously mentioned:

FVGAV02.0APA – Bin 2, 1.8L/2.0L Audi A3 models and VW GTI 2.0L;

FVGAV02.0AUA – Bin 5, Audi TT/TTS models.

Please let us know if you have any questions or concerns regarding these requests.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Good, David[good.david@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]; Olechiw, Michael[olechiw.michael@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Thur 12/12/2013 7:44:43 PM
Subject: VW Group - Request for Approval Lev III / Tier 2 Label

Hello Jim,

Today we uploaded (to VERIFY, Mfr. account VGA) a “Request for Approval” document, for MY 2015 light duty diesel Test Group FVGA02.0VAL. This test group will be certified to LEV III standards.

The document name was: CBI_FVGAV02.0VAL_RFA_LAB_R00.pdf

The request is for approval of two related topics within this test group:

- Approval of the label content as shown in the example included in the document
- Confirm our understanding of useful life certification requirements (see letter for details).

Because this information is needed to support production, we would appreciate any support you can provide to obtain a quick response to this request.

Please call me if you have any questions.

Regards,

Mike

Michael Giles

Certification Engineer – EEO

VW Group of America

(248) 754-4229

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 12/6/2013 4:48:49 PM
Subject: VW Group Certificate Requests

Hello Jim,

We have submitted certification requests to Verify for the following 2015 test groups, as previously mentioned:

FVGAV02.0APA – Bin 2, 1.8L/2.0L Audi A3 models and VW GTI 2.0L;

FVGAV02.0AUA – Bin 5, Audi TT/TTS models.

Please let us know if you have any questions or concerns regarding these requests.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 12/6/2013 2:28:11 PM
Subject: RE: Cert Requests

Hello Jim,

We have two 2015 Applications already submitted and Certification Requests which are planned for submission today. One is strictly carryover for the Audi TT/TTS (TG: FVGAV02.0AUA) beginning production in week two of January, while the other will be a conditional request related to the new Audi A3 and GTI (TG: FVGAV02.0APA) which currently requires EPA and Manufacturer confirmatory tests. I will attempt to make these submissions this morning if Verify accepts them. Please let us know if there is an issue with reviewing these requests.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, December 05, 2013 6:14 PM

To: Kata, Leonard (EEO)
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

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Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

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Sent: Thursday, December 05, 2013 5:58 PM
To: Snyder, Jim
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

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Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

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Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

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Sent: Thursday, December 05, 2013 5:49 PM
To: Giles, Michael (EEO)
Cc: Rodgers, William (EEO); Kata, Leonard (EEO)
Subject:

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I still want to have a Pre-Cert mtg with Len. We have them with all the manufacturers and they are very useful .

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Kata, Leonard (EEO)
Sent: Thur 12/5/2013 11:37:07 PM
Subject: RE:

Hi Jim:

I will be in contact with the office in the morning and will check on the cert request question.

Best regards,

Len

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, December 05, 2013 6:14 PM
To: Kata, Leonard (EEO)
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

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Jim Snyder
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Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

Hello Jim:

Thanks for the update. I am not in the office tomorrow; However, is there a day next week that works for you for a pre-cert meeting? I recall that your availability in December may be limited.

Best Regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, December 05, 2013 5:49 PM
To: Giles, Michael (EEO)
Cc: Rodgers, William (EEO); Kata, Leonard (EEO)
Subject:

Mike, Len, I now have the GHG pre-cert report, the Pre-cert mtg handout and the Request for ADP approval letter. I think that is sufficient to allow me to review a few early 2015 certificates. I'll review the ADP approval request next week.

I still want to have a Pre-Cert mtg with Len. We have them with all the manufacturers and they are very useful .

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Kata, Leonard (EEO)
Sent: Thur 12/5/2013 10:58:08 PM
Subject: RE:

Hello Jim:

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From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, December 05, 2013 5:49 PM
To: Giles, Michael (EEO)
Cc: Rodgers, William (EEO); Kata, Leonard (EEO)
Subject:

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Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Harris, Dale (EEO)
Sent: Thur 12/5/2013 2:45:33 PM
Subject: MY 2015 Pre-Model Year GHG Report
CBI_FVGAV_COMMON_CR1A_CAR_R01.pdf

Jim

Attached is a copy of the recently submitted MY2015 Pre-Model GHG Report for review.
Please contact me directly if there are any questions. Thanks!!!

Regards,

Dale Harris

Certification Specialist

VOLKSWAGEN Group of America, Inc.

Engineering and Environmental Office (EEO)
3800 Hamlin

AuburnHills Michigan 48326

United States of America

P: +1 248 754-4218

E: Dale.Harris@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Allen, Gregory
Sent: Thur 12/5/2013 1:34:42 PM
Subject: 2015 Durability Plan Uploaded to Verify

Hello Jim,

Hope all is well.

Just an fyi – the Volkswagen Group of America request for carryover approval of Durability Procedures for the 2015 model year was uploaded to the Verify system under the new VGA manufacturer code.

If you have any questions please let me know.

Thank you.

Best Regards / Mit freundlichen Grüßen,

Greg Allen

Emissions Certification Engineering Analyst

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

U.S.A.

Phone: (248) 754-4209

E-mail: Gregory.Allen@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Wed 12/4/2013 3:34:37 PM
Subject: RE: Supplemental Information submitted

Jan. 27th 2014 is the date given for delivery to EPA.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, December 04, 2013 10:27 AM
To: Rodgers, William (EEO)
Subject: RE: Supplemental Information submitted

When will it be available for test?

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, December 04, 2013 10:08 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Supplemental Information submitted

Hello Jim,

Just FYI, I submitted the supplemental information for the Audi A3 test vehicle FAPA-AAF/1.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 12/4/2013 12:48:35 PM
Subject: Audi Test Waivers

Hi Jim,

We received your test waivers and (1.8L) selection concerning the Audi A3. However we haven't received a decision on the A3 2.0L Quattro, VID: FAPA-AAQ/1. I believe you mentioned yesterday that you were waiving the 2.0L configurations but I'm not sure.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Tue 12/3/2013 4:20:41 PM
Subject: RE: 2015 models for TG FVGAV02.0APA

Sorry, It might help if I provided the engine information referenced in my previous email.

Regards, Bill

Model	Engine Code	Cat Code		Com- pression ratio	Idle [rpm]	HP @ RPM	Torque [lbs.ft.] @ RPM
		Pre-Cat.	Main-Cat.				
A3, A3 Cabriolet	CNSB	Umicore	Umicore	9.6 :1	700 ± 50	170 @ 4500-6200	270 @ 1500-4400
VW GTI	CNTA	Umicore	Umicore	9.6 :1	700 ± 50	211 @ 4300-6200	350 @ 1600-4200
A3 quattro, A3 Cabriolet quattro	CNTC	Umicore	Umicore	9.6 :1	700 ± 50	220 @ 4500-6200	350 @ 1600-4400

From: Rodgers, William (EEO)
Sent: Tuesday, December 03, 2013 10:49 AM
To: 'Jim Snyder' (Snyder.Jim@epamail.epa.gov)
Subject: 2015 models for TG FVGAV02.0APA

Jim,

This is the Section 12 for the 2015 tests I submitted. It might help understand the model mix represented by the tests submitted.

Model	Carline	Engine Code	Transmission Code	SIL	Curb Wgt. [lbs]	ETW [lbs]	Fuel Tank Capacity [l]	Canister Working Capacity [g]	Tire Size
Audi A3 quattro	A3 quattro	CNTC	DQ250-6A	n.a.	3385	3625	55	110	225/45 R17
Audi A3	A3 Cabriolet	CNTC	DQ250-6A	n.a.	3594	3875	55	110	225/40 R18

Cabriolet	quattro							
quattro								
Audi A3	A3	CNSB	DQ250-6F	n.a.	3197	3500	50	110
A3 Cabriolet	A3 Cabriolet	CNSB	DQ250-6F	n.a.	3396	3750	50	110
VW GTI	GTI	CNTA	DQ250-6F	n.a.	3191	3500	50	110
VW GTI	GTI	CNTA	MQ350-6F	n.a.	3122	3375	50	110

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Tue 12/3/2013 3:48:47 PM
Subject: 2015 models for TG FVGAV02.0APA

Jim,

This is the Section 12 for the 2015 tests I submitted. It might help understand the model mix represented by the tests submitted.

Model	Carline	Engine Code	Transmission Code	SIL	Curb Wgt. [lbs]	ETW [lbs]	Fuel Tank Capacity [l]	Canister Working Capacity [g]	Tire Size
Audi A3 quattro	A3 quattro	CNTC	DQ250-6A	n.a.	3385	3625	55	110	225/45 R17 225/40 R18
Audi A3 Cabriolet quattro	A3 Cabriolet quattro	CNTC	DQ250-6A	n.a.	3594	3875	55	110	
Audi A3	A3	CNSB	DQ250-6F	n.a.	3197	3500	50	110	
A3 Cabriolet	A3 Cabriolet	CNSB	DQ250-6F	n.a.	3396	3750	50	110	
VW GTI	GTI	CNTA	DQ250-6F	n.a.	3191	3500	50	110	
VW GTI	GTI	CNTA	MQ350-6F	n.a.	3122	3375	50	110	

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Giles, Michael (EEO)
Sent: Tue 12/3/2013 2:50:31 PM
Subject: VW Group - MY 2014 1.8L Beetle Decision Information

Hello Jim,

We have submitted tests and Decision Information for the vehicles and configurations shown below. To summarize, these are 1.8L Beetle and Beetle Convertibles, in Federal and PZEV test groups. Note, these vehicles are FEDV only (FTP / Hwy only for labeling purposes) and were already included in the certification. Therefore, no running changes are needed. Most tests were flagged for confirmatory test due to high FE.

Please advise of decisions at your earliest convenience.

Test Group	Veh ID / Configuration	Model
Transmission	High FE Actual Model	
EVWXV02.03PA SA	VW411-4-0167 / 1 (FTP / Hwy) Passat	Beetle Convertible
EVWXV02.03PA SA	VW411-4-0167 / 1 (FTP / Hwy) Passat	Beetle Coupe
EVWXV02.03PA M	VW324-4-0049 / 0 (Hwy) Beetle	Beetle Coupe
EVWXV02.0B5F SA	VW361-4-0182 / 1 (FTP / Hwy) Jetta	Beetle Coupe
EVWXV02.0B5F SA	VW361-4-0182 / 2 (FTP / Hwy) Jetta	Beetle Convertible
EVWXV02.0B5F	VW324-4-0050 / 0	Beetle Coupe

M

(Hwy)

Beetle

Regards,

Mike

Michael Giles

Certification Engineer – EEO

VW Group of America

(248) 754-4229

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 11/27/2013 4:27:24 PM
Subject: VW Group 2015 Confirmatory Test Decision Information

Hello Jim,

We have uploaded exhaust certification test data for the upcoming 2015 test group FVGA02.0APA representing the following test vehicles and models:

Test Vehicle ID/Models represented:

FAPA-AAQ-0 Audi A3 Cabriolet 2.0L quattro (worst case EDV)

FAPA-AAQ-1 Audi A3 Sedan 2.0L quattro

FAPA-AAF-0 Audi A3 Cabriolet 1.8L front drive

FAPA-AAF-1 Audi A3 Sedan 1.8L front drive

FAPA-GAF-0 GTI 2.0L auto

FAPA-GMF-0 GTI 2.0L manual

Please let us know your test decisions at your earliest convenience.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Peavyhouse, Robert
Sent: Tue 11/26/2013 9:20:08 PM
Subject: RE: 2013 Volkswagen Group Final CAFE and Starter Data File
VWX PLSQL Created 2013 CAFE PV.xml
VWX PLSQL Created 2013 CAFE LT.xml

Richard,

Here are the two 2013 CAFE/GHG starter files. They contain VWX, ADX, BEX, BGT, NLX, and PRX model types.

There were 148 model types total; 129 in the passenger vehicle XML file and 19 in the truck XML file.

There were a total of 81 carlines spread between the 2 files. No footprint data was found so I created a default footprint with index of 1 for each carline.

I split the model types based on the value of the Gas Guzzler exempt field.

All "N" for "Not Exempt" went into the passenger vehicle file, and all "T" for "Truck" went into the truck.

I set the status of the domestic and Import flag based on the same status in the carline records.

It looks like they split just like you mentioned in the original email.

Neither file contains any CBI. No projected or final sales of any type were included at any level.

I imported them into the front-end screens just to make sure they would import without any errors and they seem to work fine.

If you find any problems let me know.

Robert Peavyhouse
Compliance Division
U.S. EPA - OTAQ
Phone: (734) 214-4814

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Monday, November 25, 2013 5:12 PM
To: Peavyhouse, Robert
Cc: Snyder, Jim; Good, David; Kata, Leonard (EEO); Harris, Dale (EEO); Ross Gatzke
Subject: RE: 2013 Volkswagen Group Final CAFE and Starter Data File

If your message was for me, then please go ahead and give me the starter file without the footprint info. I have to enter the carline footprints after I verify the numbers for which we have done for 2014, but have not done yet for 2013.

Thanks,

Richard

From: Peavyhouse, Robert [mailto:Peavyhouse.Robert@epa.gov]
Sent: Monday, November 25, 2013 4:37 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim; Good, David; Kata, Leonard (EEO); Harris, Dale (EEO); Ross Gatzke
Subject: RE: 2013 Volkswagen Group Final CAFE and Starter Data File

Jim,

I almost have the programming done to automatically generate your CAFE XML file. However, it is not finding any footprint entries for any of your 2013 carlines.

Do you want to:

- 1) You enter them into Verify before I go any farther so that I can automatically include all of them in your CAFE starter files, or
- 2) I can go ahead and generate the CAFE files and just enter a single footprint index for each carline included with a default footprint index value of 1?

Robert Peavyhouse
Compliance Division
U.S. EPA - OTAQ
Phone: (734) 214-4814

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Wednesday, November 20, 2013 8:12 AM
To: Peavyhouse, Robert
Cc: Snyder, Jim; Good, David; Kata, Leonard (EEO); Harris, Dale (EEO); Ross Gatzke
Subject: 2013 Volkswagen Group Final CAFE and Starter Data File

Hello Bob;

I would like to get a jump start of the 2013 Final CAFE for the Volkswagen Group and I am requesting that you send me the files you normally send me with the brand model type label indexes that I can modify for the CAFE work. The 2013 Volkswagen Group CAFE will include the brands of Volkswagen, Audi, Bentley, Lamborghini, Bugatti and Porsche.

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Porsche will not be part of the Volkswagen Group and the EPA GHG reporting until model year 2014.

If you have any questions, please let me know.

Thanks and best regards,

Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Harris, Dale (EEO)[Dale.Harris@vw.com]; Ross Gatzke[Ross.Gatzke@porsche.us]
From: Thomas, Richard (EEO)
Sent: Mon 11/25/2013 10:12:26 PM
Subject: RE: 2013 Volkswagen Group Final CAFE and Starter Data File

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Robert Peavyhouse

Compliance Division
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Phone: (734) 214-4814

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Sent: Wednesday, November 20, 2013 8:12 AM
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Richard

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Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Giles, Michael (EEO)
Sent: Fri 11/22/2013 1:58:04 PM
Subject: RE: VW Group - Running Change / Revised Certificate Requested for EAD XV04.03UJ - EADXR0130D61

Hello Jim,

Could you let us know the status for the running change and new cert request below? We are ready to work on the FE label but need the certificate.

Thanks,

Mike

From: Giles, Michael (EEO)
Sent: Tuesday, November 12, 2013 5:22 PM
To: Snyder, Jim
Cc: Rodgers, William; Allen, Gregory
Subject: VW Group - Running Change / Revised Certificate Requested for EAD XV04.03UJ - EADXR0130D61

Hello Jim,

Today we uploaded a revised application for test group EAD XV04.03UJ, as well as a supporting running change letter.

This is for the addition of a new carline as well as a new engine code CMMD, which will support two new Bentley "S" models in this (Audi) test group as well as a new worst case exhaust EDV.

Please note the following:

- This topic is related to the tests which you waived last week for two new configurations in this test group. Manufacturer confirmatory tests were done and the results submitted today.
- The new carline “Continental GT Convertible” is also the new worst case exhaust EDV for this test group.
- In the application, we identified and corrected the evaporative tests which were incorrectly referenced in the previous application – this applies to evaporative family EADXR0130D61 only (see revision log).

We kindly request that a revised certificate be issued at your earliest convenience for test group EADXV04.03UJ with Evaporative Family EADXR0130D61 . Please contact myself or Bill Rodgers with any questions.

Regards,

Michael Giles

Certification Engineer – EEO

VW Group of America

(248) 754-4229

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 11/20/2013 4:47:23 PM
Subject: Request for Submittal Extension
[Request for Submission Extension 11-20-2013.pdf](#)

Hello Jim,

We are submitting the attached letter to get Agency approval for a 90-day extension for the submittal of 2013 Application Common Sections.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

VOLKSWAGEN

GROUP OF AMERICA

Mr. Jim Snyder
Compliance and Innovative Strategies Division
Office of Mobile Sources
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Leonard W. Kata Name
Manager – Emis. Cert. Title
EEO Department
248-754-4204 Phone
248-754-4207 Fax
leonard.kata@vw.com E-Mail

November 20, 2013 Date

Subject: Request for Extension of Model Year 2013 Volkswagen Group Common
Sections Submittal.

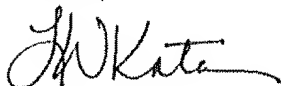
Dear Mr. Snyder,

We are requesting an extension of up to 90 days, as allowed by regulation, for the submission of the Volkswagen Group model year 2013 Common Sections. This request is necessary to allow us to add the final sales figures for the 2013 model year. All other model year 2013/14 applications will be submitted by the December 31, 2013 deadline. We will submit the 2013 Common Sections with as short of a delay as possible.

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE +1 248 754 5000

If you have any questions with regard to this request, please contact our office in Auburn Hills at (248)754-4219.

Sincerely,



Leonard W. Kata
Volkswagen Group of America, Inc.

Engineering and Environmental Office

Enclosure(s)

To: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Harris, Dale (EEO)[Dale.Harris@vw.com]; Ross Gatzke[Ross.Gatzke@porsche.us]
From: Thomas, Richard (EEO)
Sent: Wed 11/20/2013 1:12:10 PM
Subject: 2013 Volkswagen Group Final CAFE and Starter Data File

Hello Bob;

I would like to get a jump start of the 2013 Final CAFE for the Volkswagen Group and I am requesting that you send me the files you normally send me with the brand model type label indexes that I can modify for the CAFE work. The 2013 Volkswagen Group CAFE will include the brands of Volkswagen, Audi, Bentley, Lamborghini, Bugatti and Porsche.

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Porsche will not be part of the Volkswagen Group and the EPA GHG reporting until model year 2014.

If you have any questions, please let me know.

Thanks and best regards,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Allen, Gregory
Sent: Mon 11/18/2013 2:24:57 PM
Subject: MY2015 Volkswagen Group Certification Preview Documents

Hello Mr. Snyder,

Just as an fyi – the MY2015 Volkswagen Group Certification Preview Documents were uploaded to Verify under the VGA manufacturer code.

If you have any questions/concerns please let me know.

Best Regards / Mit freundlichen Grüßen,

Greg Allen

Emissions Certification Engineering Analyst

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

U.S.A.

Phone: (248) 754-4209

E-mail: Gregory.Allen@vw.com

To: Good, David[good.david@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Fri 11/15/2013 10:05:02 PM
Subject: Volkswagen/Porsche Merger

Hello Dave:

As a follow-up to our telephone conversation today, I am providing the following information.

Our interpretation of the NHTSA regulations at 49 CFR 534.4(b) requires that we combine Volkswagen and Porsche for CAFE reporting purposes beginning with the 2013 model year.

As you noted, the acquisition took place in August 2012. Traditionally, Volkswagen's model years run from June to June, as opposed to September to September. By August, we were well into the 2013 model year. Therefore, we are treating Volkswagen as becoming the successor during the 2013 model year and reporting Volkswagen and Porsche vehicles as though they were manufactured by the same manufacturer, for that model year.

With respect to reporting for Greenhouse Gas requirements, Volkswagen applies the provisions of 40 CFR 86.1818-12(e)(1)(i)(D), which requires the two entities to meet the standards as a single manufacturer, beginning with the model year that is numerically two years greater than the calendar year in which the merger took place (i.e., model year 2014).

Please let me know if there are any further questions.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Kata, Leonard (EEO)
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Accepted: Volkswagen teleconference on BEV and PHEVs
Start Date/Time: Wed 11/20/2013 2:00:00 PM
End Date/Time: Wed 11/20/2013 3:30:00 PM

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Kata, Leonard (EEO)
Sent: Thur 11/14/2013 4:54:09 PM
Subject: RE: Re-scheduled Meeting with Volkswagen

Hello Jim:

Thanks for the reminder this morning regarding our telephone conference scheduled for Wednesday, November 20, 2013 (0900-1030). I have asked for advance copies of slides, etc., and will forward them to you upon receipt. Also, the call-in information is detailed below:

To join by phone dial:

Non-Responsive

The conference ID is:

Non-Responsive

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Kata, Leonard (EEO)
Sent: Thursday, November 07, 2013 3:01 PM
To: 'Snyder, Jim'
Subject: RE: Re-scheduled Meeting with Volkswagen

Jim:

Wednesday might be okay. Could you pencil that in and I will double-check?

Thanks,

Len

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, November 07, 2013 2:28 PM
To: Kata, Leonard (EEO)
Subject: RE: Re-scheduled Meeting with Volkswagen

Len, how committed are they to Tuesday? Linc has a directors mtg at 8:30 every Tuesday and then he has a group mtg with us at 10. Wed would be better.

From: Kata, Leonard (EEO) [<mailto:Leonard.Kata@vw.com>]
Sent: Thursday, November 07, 2013 2:18 PM
To: Snyder, Jim
Subject: Re-scheduled Meeting with Volkswagen

Hello Jim:

A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- e-Golf Presentation
- PHEV Test Procedures

Just as a reminder the original EPA participants list was:

Linc Wehrly

Jim Snyder

Joel Ball

William Ott

Joel Dalton

Bill Pidgeon

Tom Anderson

Let me know what you think. If it is a go, I will set up a local call-in number.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Tue 11/12/2013 10:21:42 PM
Subject: VW Group - Running Change / Revised Certificate Requested for EADXV04.03UJ - EADXR0130D61

Hello Jim,

Today we uploaded a revised application for test group EADXV04.03UJ, as well as a supporting running change letter.

This is for the addition of a new carline as well as a new engine code CMMD, which will support two new Bentley "S" models in this (Audi) test group as well as a new worst case exhaust EDV.

Please note the following:

- This topic is related to the tests which you waived last week for two new configurations in this test group. Manufacturer confirmatory tests were done and the results submitted today.
- The new carline "Continental GT Convertible" is also the new worst case exhaust EDV for this test group.
- In the application, we identified and corrected the evaporative tests which were incorrectly referenced in the previous application – this applies to evaporative family EADXR0130D61 only (see revision log).

We kindly request that a revised certificate be issued at your earliest convenience for test group EADXV04.03UJ with Evaporative Family EADXR0130D61 . Please contact myself or Bill Rodgers with any questions.

Regards,

Michael Giles

Certification Engineer – EEO

VW Group of America

(248) 754-4229

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Tue 11/5/2013 6:29:53 PM
Subject: Volkswagen Group - Decision Info MY 2014 Test Group EADXV04.03UJ

Hello Jim,

Today we submitted Vehicle, test and decision information for the following MY 2014 vehicles.

Test Group	Vehicle ID Comment	Purpose	Model
EADXV04.03UJ Convertible carline)	E3UJ-BY62 config 0 New worst case vehicle for test group (RC in process to support new	EDV	Continental GT V8 S
EADXV04.03UJ S	E3UJ-BY62 config 1 New FEDV test group (RC in process to support E.O. for new model)	FEDV	Continental GT V8

A running change is in process. Please advise on confirmatory decision at your earliest convenience or contact me if you have any questions.

Regards,

Mike

Michael Giles

Certification Engineer – EEO

VW Group of America

(248) 754-4229

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 11/1/2013 11:55:52 PM
Subject: 2014 FE Guide - dataset attached
VW Group 2014 FE Guide-all rel dates-no-sales-11-1-2013.xlsx

Richard,

Here's the data in Verify as of 11/1/2013 9AM.

I didn't see any errors.

I'm out on Monday---back at it on Tues.

Dave

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Fri 11/1/2013 12:01:14 PM
Subject: RE: VW Jetta 0194 Transport

Good morning Bill,

Will do.

Have a great weekend!

Vince Mazaitis

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Friday, November 01, 2013 7:58 AM
To: Mazaitis, Vincent
Cc: Snyder, Jim
Subject: VW Jetta 0194 Transport

Hello Vince,

Please release the VW Jetta 0194 and provide Security the keys for transporter pick up today.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 10/30/2013 11:03:06 AM
Subject: RE: US06 Retest - VW Jetta VID 0194

Thanks Jim,

Please let us know what the outcome of the road load determination is so we know what tests you decide will be rerun as discussed. If the initial FTP and HWY are not voided then we will make the decision whether to retest them or accept our factory numbers.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, October 29, 2013 4:22 PM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO); Allen, Gregory; Kata, Leonard (EEO)
Subject: RE: US06 Retest - VW Jetta VID 0194

Yes, just let us know when he is coming by.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Tuesday, October 29, 2013 2:29 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory; Kata, Leonard (EEO)
Subject: RE: US06 Retest - VW Jetta VID 0194

Jim,

As a precaution, we would like to know if one of our factory engineers can have access to the vehicle before running the retests to interrogate the ECM for faults?

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Rodgers, William (EEO)
Sent: Tuesday, October 29, 2013 1:39 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Subject: US06 Retest - VW Jetta VID 0194

Hello Jim,

As discussed, we are requesting that our factory representatives be allowed to witness the set-up and start of testing for the US06 retest yet to be rescheduled. It is believed that the fan placement is critical to a successful outcome for this test.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Tue 10/29/2013 7:17:58 PM
Subject: VW411-4-0168
[VW411-4-0168_10-24-13.pdf](#)

Hello Bill,

Please find enclosed the Laboratory Test Data for the Subject vehicle. If you have any questions or concerns, please contact me.

Thanks Bill,

Vince Mazaitis

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, October 29, 2013 11:44 AM
To: Mazaitis, Vincent
Subject: Lab report for Passat

Hi Vince,

Can you send me the lab reports for the Passat 0168. We have the Verify results but the lab reports are much easier to digest.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

CERT
CVS

NVFEL Laboratory Test Data

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0257-007

Vehicle ID: VW411-4-0168

Test Information



Test Date: 10/24/2013

MFR Name: VOLKSWAGEN

Key Start / Hot Soak: 12:37:53 / 09:30

MFR Codes: 590 VWX

Fuel Container ID: F0027N

Config #: 00

Fuel Type: 61 Tier 2 Cert Test Fuel

Transmission: S

Test Procedure: 21 Federal fuel 2-day exhaust (w/can loa

Shift Schedule: A09980005

Calculation Method: Gasoline

Beginning Odometer: 004650.0 MI

Pretest Remarks:

Drive Schedule: flp3bag

Soak Period: 25.0 hours

Bag Data

Phase 1

	HC-FID (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	8.142	32.159	0.412	0.782	2.788	
Ambient	2.411	0.342	0.011	0.043	1.944	
Net Concentration	5.872	31.837	0.402	0.741	0.958	4.843

Remarks:

Phase 2

Sample	2.641	0.684	0.084	0.505	1.952	
Ambient	2.381	0.124	0.009	0.043	1.959	
Net Concentration	0.349	0.565	0.075	0.464	0.066	0.278

Remarks:

Phase 3

Sample	2.685	4.806	0.077	0.669	2.144	
Ambient	2.467	0.115	0.009	0.043	1.955	
Net Concentration	0.341	4.696	0.068	0.628	0.287	0.033

Remarks:

Phase 4

Sample
Ambient
Net Concentration

Remarks: This test has particulate results.

Results

	HC-FID (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC / NMOG (gpm)	Vol MPG
Phase 1	0.076	0.827	0.015	302.8	0.014	0.062 / 0.065	29.284
	0.007	0.024	0.005	305.0	0.002	0.006 / 0.006	29.216
	0.004	0.123	0.003	259.5	0.004	0.000 / 0.000	34.327
Weighted	0.02066	0.21790	0.00632	292.041	0.00497	(NMOG=1.04xNMHC) 0.0160 / 0.0167	

Fuel Economy

	Gasoline MPG	Dyno Settings	Dyno #: D329 - FWD
Phase 1	29.24		Inertia: 3625
Phase 2	29.17		EPA Set Co A: 9.78
Phase 3	34.27		EPA Set Co B: 0.3152
			EPA Set Co C: 0.01580
Weighted	30.44		Emiss-Bench: Mexa 7200die

v130711 - d329 EPAVDAEm131024122130

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Print Time 29-Oct-2013 13:16

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0257-007

Vehicle ID: VW411-4-0168

Results	HC-FID	CO	NOx	CO2	CH4	NMHC	Meth Response
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	1.074
Phase 1	0.271	2.967	0.055	1085.9	0.051	0.224	
	0.028	0.091	0.018	1172.3	0.006	0.022	
	0.016	0.442	0.009	929.2	0.015	0.002	

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	29.09	29.09	29.09	
Avg Cell Temp (degF)	74.03	74.09	74.13	
Dew Point (degF)	47.91	47.86	47.67	
Specific Humidity (grains/lbm)	50.91	50.82	50.44	
NOx Corr Factor	0.8983	0.8979	0.8965	
CO2 Dilution Factor	17.052	26.521	19.998	
CFV Vmix (scf @68F)	2797.63	4831.05	2825.70	
Total CVS Vmix (scf@68F)	2826.58	4859.69	2874.86	
CVS Flow Rate Avg (scfm)	330.82	333.18	333.94	
Fan Placement: One Fan - Up - Front				
Phase Time (secs)	507.40	870.00	507.70	
Distance (miles)	3.586	3.843	3.582	
Bag Analysis Time (secs)	927.0	132.0	59.2	

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0257-007

Vehicle ID: VW411-4-0168

Test Information



Test Date: 10/24/2013

MFR Name: VOLKSWAGEN

Key Start: 12:37:53 / 09:30

MFR Codes: 590

VWX

Fuel Container ID: F0027N

Config #: 00

Fuel Type: 61 Tier 2 Cert Test Fuel

Transmission: S

Test Procedure: 21 Federal fuel 2-day exhaust (w/can loa

Shift Schedule: A09980005

Calculation Method: Gasoline

Beginning Odometer: 004650.0 MI

Pretest Remarks:

Drive Schedule: ftp3bag

Soak Period: 25.0 hours

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / ml	Filter comment
Phase 1	A	413714	140.3459	140.3820	0.03618	10.594	2.955	
	B	413717	139.8275	139.8622	0.03467	10.152	2.831	
	C	413720	142.0161	142.0544	0.03829	11.220	3.129	

Remarks:

Phase 2	A	413715	141.2543	141.2702	0.01596	4.748	1.236	
	B	413718	140.7665	140.7778	0.01125	3.350	0.872	
	C	413751	143.5460	143.5578	0.01177	3.511	0.913	

Remarks:

Phase 3	A	413716	140.0291	140.0408	0.01165	3.479	0.971	
	B	413719	142.2443	142.2556	0.01136	3.396	0.948	
	C	413752	140.4976	140.5088	0.01115	3.338	0.932	

Remarks:

Phase 4

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / ml
Phase 1	0.03638	10.655	2.972
Phase 2	0.01300	3.870	1.007
Phase 3	0.01139	3.404	0.951

All filter weights are corrected for buoyancy.

Weighted All Filters:

1.39918

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check	Dyno #: D329 - FWD
0.01	1	142.19042	142.19347	0.00305	PASS/FAIL	Inertia: 3625
	2	143.43520	143.43566	0.00046	PASS	EPA Set Co A: 9.78
					PASS	EPA Set Co B: 0.3152
						EPA Set Co C: 0.01580

Emissions Bench Mexa 7200dle

v130711 - d329 EPAVDAEm131024122130

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**NVFEL Laboratory Test Data****PARTICULATE**

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0257-007

Vehicle ID: VW411-4-0168

WEIGHING CHAMBER		<u>Buoyancy</u>	<u>Operator</u>	<u>Chamber Temp</u>	<u>Dew Point</u>	<u>Barometer</u>	<u>Last Change in Status</u>
Timestamp		Factor	(Id)	(°F)	(°F)	(°Hg)	Status @ timestamp
Pre-test	10/24/13 10:38	1.0011133	209123	71.8	49.1	29.06	NORM @ 10/23/13 11:32:11
Post-test	10/28/13 9:19	1.0011200	022298	72.3	49.1	29.26	NORM @ 10/25/13 18:55:46

<u>Test Conditions</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	29.09	29.09	29.09	
Avg Cell Temp (degF)	74.03	74.09	74.13	
Dew Point (degF)	47.91	47.86	47.67	
Specific Humidity (grains/lbm)	50.91	50.82	50.44	
NOx Corr Factor	0.8983	0.8979	0.8965	
Dilution Factor	17.05	26.52	20.00	
CFV Vmix (scf @68F)	2797.63	4831.05	2825.70	
Sample Volume A (scf @68F)	9.652	9.557	16.404	
Sample Volume B (scf @68F)	9.654	9.551	16.394	
Sample Volume C (scf @68F)	9.646	9.535	16.364	
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	9.651	16.387	9.547	
Total PM Vmix (scf @68F)	2826.58	4859.69	2874.86	
Phase Time (sec)	507.40	870.00	507.70	
Distance (miles)	3.586	3.843	3.582	
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	43.5	41.4	43.0	
PSU Dil Air B (degC)	41.5	41.3	41.9	
PSU Dil Air C (degC)	41.6	40.6	41.4	
PSU Filter A (degC)	44.8	45.2	45.1	
PSU Filter B (degC)	44.3	44.0	43.7	
PSU Filter C (degC)	43.6	43.4	43.4	
PSU Dil Flow A (lpm)	20.2	20.0	20.1	
PSU Dil Flow B (lpm)	20.2	20.0	20.0	
PSU Dil Flow C (lpm)	20.2	20.0	20.1	
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0257-009

Vehicle ID: VW411-4-0168

Test Information



Test Date: 10/24/2013
Key Start: 13:55:05
Fuel Container ID: F0027N
Fuel Type: 61 Tier 2 Cert Test Fuel
Test Procedure: 3
Calculation Method: Gasoline
Pretest Remarks:

MFR Name: VOLKSWAGEN
MFR Codes: 590 VWX
Config #: 00
Transmission: S
Shift Schedule: A09980011
Beginning Odometer: 004661.0 Mi
Drive Schedule: hwfet_hwfet

Bag Data

Phase 1

	HC-FID (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	2.223	4.560	0.079	0.907	1.858	
Ambient	2.362	0.184	0.011	0.042	1.947	
Net Concentration	0.021	4.389	0.069	0.867	0.043	-0.026

Remarks:

Phase 2

Sample
Ambient
Net Concentration

Remarks:

Phase 3

Sample
Ambient
Net Concentration

Remarks:

Phase 4

Sample
Ambient
Net Concentration

Remarks:

Results

	HC-FID (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC / NMOG (gpm)	Vol MPG (mpg)
Phase 1	0.000	0.060	0.001	185.8	0.000	0.000 / 0.000	47.959

(NMOG=1.04xNMHC)

Fuel Economy

	Gasoline MPG	Coastdown secs:	Dyno Settings	Dyno #:
Phase 1	47.88	18.67 18.72 18.74		D329 - FWD
				Inertia: 3625
				EPA Set Co A: 9.78
				EPA Set Co B: 0.3152
				EPA Set Co C: 0.01580
		18.71		Emiss-Bench: Mexa 7200dle

v130711 - 6329 EPAVDAEm131024133227

Page 1 of 2

Print Time 25-Oct-2013 09:01

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0257-009

Vehicle ID: VW411-4-0168

Results	HC-FID (grams)	CO (grams)	NOx (grams)	CO2 (grams)	CH4 (grams)	NMHC (grams)	Meth Response
Phase 1	0.001	0.612	0.014	1899.4	0.003	0.000	1.074

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	29.08			
Avg Cell Temp (degF)	74.02			
Dew Point (degF)	46.80			
Specific Humidity (grains/lbm)	48.81			
NOx Corr Factor	0.8904			
CO2 Dilution Factor	14.764			
CFV Vmix (scf @68F)	4226.46			

CVS Flow Rate Avg (scfm) 331.44

Fan Placement: One Fan - Up - Front

Phase Time (secs) 765.10
Distance (miles) 10.225
Bag Analysis Time (secs) 58.6

MFR Test Results

for Procedure 3 HWFE

MFR Number	HC	CO	NOx	CO2	NMOG	NonMeth HC
10026348	0.0009	0.02	0.002	185	0	0.0006

Odometer
4497 M

MPG
48.4


MPG is 1.08 % higher than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21

Fuel: 61 Tier 2 Cert Gasoline

CERT

NVFEL Laboratory Test Data							CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data							
Test Information				Test Data			
		Test Number: 2013-0257-008		Vehicle ID: VW411-4-0168			
		Test Date: 10/24/2013		MFR Name: VOLKSWAGEN			
		Key Start: 15:00:17		MFR Codes: 590 VWX			
		Fuel Container ID: F0027N		Config #: 00			
		Fuel Type: 61 Tier 2 Cert Test Fuel		Transmission: S			
		Test Procedure: 89 us062bag (us06warmup_2bagus06)		Shift Schedule: A09980041			
Calculation Method: Gasoline		Beginning Odometer: 004685.0 MI					
Pretest Remarks:		Drive Schedule: us06warmup_2bagus06					
Bag Data							
		HC-FID	CO	NOx	CO2	CH4	NonMeth HC
		(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)
Phase 1							
Sample		4.509	14.059	1.511	0.856	2.570	
Ambient		2.377	0.209	0.023	0.043	1.952	
Net Concentration		2.284	13.864	1.489	0.816	0.743	1.486
Remarks:							
Phase 2							
Sample		4.658	13.397	1.046	1.043	2.286	
Ambient		2.383	0.183	0.026	0.043	1.957	
Net Concentration		2.461	13.229	1.022	1.004	0.481	1.944
Remarks:							
Phase 3							
Sample							
Ambient							
Net Concentration							
Remarks:							
Phase 4							
Sample							
Ambient							
Net Concentration							
Remarks:							
Remarks:		This test has particulate results.					
Results							
		HC-FID	CO	NOx	CO2	CH4	NMHC / NMOG
		(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)
Phase 1		0.040	0.492	0.077	455.1	0.015	0.026 / 0.027
		0.019	0.206	0.023	245.7	0.004	0.015 / 0.016
Composite		0.02369	0.26963	0.03515	292.236	0.00670	0.0175 / 0.0182
							(NMOG=1.04xNMHC)
Fuel Economy							
		Gasoline MPG	Dyno Settings				Dyno #: D329 - FWD
Phase 1		19.52					Inertia: 3625
Phase 2		36.16					EPA Set Co A: 9.78
							EPA Set Co B: 0.3152
							EPA Set Co C: 0.01580
Composite		30.43					Emiss-Bench: Mexa 7200dle

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0257-008

Vehicle ID: VW411-4-0168

Results	HC-FID	CO	NOx	CO2	CH4	NMHC	Meth Response
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.071	0.875	0.137	808.7	0.027	0.046	1.074
	0.118	1.283	0.144	1529.6	0.027	0.093	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	29.08	29.08		
Avg Cell Temp (degF)	73.85	73.93		
Dew Point (degF)	46.28	46.26		
Specific Humidity (grains/lbm)	47.85	47.80		
NOx Corr Factor	0.8868	0.8867		
CO2 Dilution Factor	15.624	12.821		
CFV Vmix (scf @68F)	1900.18	2921.05		
Total CVS Vmix (scf@68F)	1933.74	2921.05		
CVS Flow Rate Avg (scfm)	481.87	480.04		

Fan Placement: US06 Only - One Large Fan - Up - Front

Phase Time (secs)	130.00	365.10	106.60
Distance (miles)	1.777	6.225	
Bag Analysis Time (secs)	58.6	239.2	

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0257-008

Vehicle ID: VW411-4-0168

Test Information



Test Date: 10/24/2013

Key Start: 15:00:17

Fuel Container ID: F0027N

Fuel Type: 61 Tier 2 Cert Test Fuel

Test Procedure: 89 us062bag (us06warmup_2bagus06)

Calculation Method: Gasoline

Pretest Remarks:

MFR Name: VOLKSWAGEN

MFR Codes: 590 VWX

Config #: 00

Transmission: S

Shift Schedule: A09980041

Beginning Odometer: 004685.0 MI

Drive Schedule: us06warmup_2bagus06

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / ml	Filter comment
Phase 1	A	413753	140.8778	140.9142	0.03641	15.760	1.970	
	B	413754	141.2067	141.2347	0.02801	12.130	1.516	
	C	413755	141.2964	141.3269	0.03051	13.301	1.662	

Remarks:

Phase 2

Remarks:

Phase 3

Remarks:

Phase 4

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / ml
Phase 1	0.03164	13.730	1.716

All filter weights are corrected for buoyancy.

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check	Dyno #: D329 - FWD
0.01	1	142.19045	142.19174	0.00129	PASS	Inertia: 3625
	2	143.43493	143.43643	0.00150	PASS	EPA Set Co A: 9.78
						EPA Set Co B: 0.3152
						EPA Set Co C: 0.01580

Emissions Bench Mexa 7200dle

v130711 - d329 EPAVDAEm131024143821

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Print Time 29-Oct-2013 13:19

**NVFEL Laboratory Test Data****PARTICULATE**

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0257-008

Vehicle ID: VW411-4-0168

WEIGHING CHAMBER		Buoyancy	Operator	Chamber Temp	Dew Point	Barometer	Last Change in Status
Timestamp		Factor	(Id)	(°F)	(°F)	(°Hg)	Status @ timestamp
Pre-test	10/24/13 10:56	1.0011128	209123	72.1	49	29.06	NORM @ 10/23/13 11:32:11
Post-test	10/28/13 9:47	1.0011204	022298	72.3	49.3	29.27	NORM @ 10/25/13 18:55:46

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	29.08	29.08		
Avg Cell Temp (degF)	73.85	73.93		
Dew Point (degF)	46.28	46.26		
Specific Humidity (grains/lbm)	47.85	47.80		
NOx Corr Factor	0.8868	0.8867		
Dilution Factor	15.62	12.82		
CFV Vmix (scf @68F)	1900.18	2921.05		
Sample Volume A (scf @68F)	11.217		6.795	
Sample Volume B (scf @68F)	11.210		6.789	
Sample Volume C (scf @68F)	11.136		6.753	
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	11.188	6.779		
Total PM Vmix (scf @68F)	1933.74	2921.05		
Phase Time (sec)	130.00	365.10	106.60	
Distance (miles)	1.777	6.225		
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	43.0	-17.8		
PSU Dil Air B (degC)	41.8	-17.8		
PSU Dil Air C (degC)	41.3	-17.8		
PSU Filter A (degC)	44.1	-17.8		
PSU Filter B (degC)	43.8	-17.8		
PSU Filter C (degC)	43.1	-17.8		
PSU Dil Flow A (lpm)	19.9	0.0		
PSU Dil Flow B (lpm)	19.9	0.0		
PSU Dil Flow C (lpm)	19.9	0.0		
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 10/29/2013 6:28:41 PM
Subject: RE: US06 Retest - VW Jetta VID 0194

Jim,

As a precaution, we would like to know if one of our factory engineers can have access to the vehicle before running the retests to interrogate the ECM for faults?

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Rodgers, William (EEO)
Sent: Tuesday, October 29, 2013 1:39 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Subject: US06 Retest - VW Jetta VID 0194

Hello Jim,

As discussed, we are requesting that our factory representatives be allowed to witness the set-up and start of testing for the US06 retest yet to be rescheduled. It is believed that the fan placement is critical to a successful outcome for this test.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Tue 10/29/2013 5:38:40 PM
Subject: US06 Retest - VW Jetta VID 0194

Hello Jim,

As discussed, we are requesting that our factory representatives be allowed to witness the set-up and start of testing for the US06 retest yet to be rescheduled. It is believed that the fan placement is critical to a successful outcome for this test.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]
From: Mazaitis, Vincent
Sent: Mon 10/28/2013 7:10:05 PM
Subject: VW361-4-0194
[VW361-4-0194_10-25-13.pdf](#)

Hello Bill,

Please find enclosed the Laboratory Test Data for the Subject vehicle. As per our phone conversation, I'll talk to Jim Snyder in the morning about the failed US06 CO, and either he or I will call you.

Thanks for your patience!

Vince Mazaitis

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0256-009

Vehicle ID: VW361-4-0194

Test Information



Test Date: 10/25/2013

MFR Name: VOLKSWAGEN

Key Start / Hot Soak: 07:21:29 / 09:32

MFR Codes: 590 VWX

Fuel Container ID: F0027N

Config #: 00

Fuel Type: 61 Tier 2 Cert Test Fuel

Transmission: S

Test Procedure: 21 Federal fuel 2-day exhaust (w/can loa

Shift Schedule: A09980005

Calculation Method: Gasoline

Beginning Odometer: 004557.0 MI

Pretest Remarks:

Drive Schedule: ftp3bag

Soak Period: 21.5 hours

Baq Data

Phase 1

	HC-FID (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	5.264	34.674	0.716	0.737	2.563	
Ambient	2.884	0.000	0.008	0.042	1.930	
Net Concentration	2.540	34.674	0.709	0.697	0.740	1.672

Remarks:

Phase 2

Sample	3.088	17.677	0.069	0.470	2.038	
Ambient	2.889	0.000	0.006	0.042	1.930	
Net Concentration	0.300	17.677	0.063	0.429	0.176	0.094

Remarks:

Phase 3

Sample	3.647	33.667	0.093	0.624	2.403	
Ambient	2.708	0.000	0.006	0.042	1.927	
Net Concentration	1.066	33.667	0.087	0.584	0.566	0.402

Remarks:

Phase 4

Sample	
Ambient	
Net Concentration	

Remarks:

Results

	HC-FID (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC / NMOG (gpm)	Vol MPG (mpg)
Phase 1	0.032	0.890	0.027	280.9	0.011	0.021 / 0.022	31.561
	0.006	0.724	0.004	276.4	0.004	0.002 / 0.002	32.113
	0.014	0.862	0.003	235.1	0.008	0.005 / 0.005	37.695
Weighted	0.01358	0.79667	0.00841	265.945	0.00669	(NMOG=1.04xNMHC) 0.0068 / 0.0071	

Fuel Economy

	Gasoline MPG	Dyno Settings	Dyno #: D329 - FWD
Phase 1	31.51		Inertia: 3375
Phase 2	32.06		EPA Set Co A: -0.10
Phase 3	37.64		EPA Set Co B: 0.1619
			EPA Set Co C: 0.01589
Weighted	33.29		Emiss-Bench: Mexa 7200sl

v130711 - d329 EPAVDAEm131025070646

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**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0256-009

Vehicle ID: VW361-4-0194

<u>Results</u>	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.115	3.178	0.095	1003.5	0.039	0.076	1.173
	0.023	2.769	0.014	1056.9	0.016	0.007	
	0.048	3.088	0.012	841.9	0.030	0.018	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	29.32	29.32	29.33	
Avg Cell Temp (degF)	73.98	73.98	73.98	
Dew Point (degF)	46.93	47.70	47.99	
Specific Humidity (grains/lbm)	48.65	50.09	50.64	
NOx Corr Factor	0.8898	0.8952	0.8973	
CO2 Dilution Factor	18.095	28.389	21.338	
CFV Vmix (scf @68F)	2780.11	4751.59	2782.37	
CVS Flow Rate Avg (scfm)	328.30	327.62	329.02	
Fan Placement: One Fan - Up - Front				
Phase Time (secs)	508.10	870.20	507.40	
Distance (miles)	3.572	3.824	3.582	
Bag Analysis Time (secs)	52.0	61.8	64.3	

MFR Test Results

for Procedure 21 Federal fuel 2-day exhaust (w/can load)

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10026304	0.007	0.09	0.0133	288	0	0.0045

Odometer MPG PM
4376 M 31.1 0.001
MPG is -6.59 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21
Fuel: 61 Tier 2 Cert Gasoline

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0256-008

Vehicle ID: VW361-4-0194

Test Information



Test Date: 10/25/2013

Key Start: 08:59:24

Fuel Container ID: F0027N

Fuel Type: 61 Tier 2 Cert Test Fuel

Test Procedure: 3

Calculation Method: Gasoline

Pretest Remarks:

MFR Name VOLKSWAGEN

MFR Codes: 590

VWX

Config #: 00

Transmission: S

Shift Schedule: A09980011

Beginning Odometer: 004557.0 MI

Drive Schedule: hwfet_hwfet

Bag Data

Phase 1

	HC-FID (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	2.565	12.352	0.071	0.828	1.860	
Ambient	2.620	0.000	0.005	0.042	1.927	
Net Concentration	0.108	12.352	0.066	0.789	0.052	0.046

Remarks:

Phase 2

Sample
Ambient
Net Concentration

Remarks:

Phase 3

Sample
Ambient
Net Concentration

Remarks:

Phase 4

Sample
Ambient
Net Concentration

Remarks:

Results

	HC-FID (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC / NMOG (gpm)	Vol MPG (mpg)
Phase 1	0.001	0.166	0.001	167.0	0.000	0.000 / 0.000	53.299

(NMOG=1.04xNMHC)

Fuel Economy

Phase 1 Gasoline MPG 53.22

Dyno Settings

Dyno #: D329 - FWD

Inertia: 3375

EPA Set Co A: -0.10

EPA Set Co B: 0.1619

EPA Set Co C: 0.01589

Emiss-Bench: Mexa 7200sle

v130711 - d329 EPAVDAEm131025082853

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**NVFEL Laboratory Test Data****CVS**

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0256-008

Vehicle ID: VW361-4-0194

<u>Results</u>	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.007	1.704	0.014	1709.8	0.004	0.003	1.173

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	29.36			
Avg Cell Temp (degF)	73.46			
Dew Point (degF)	48.15			
Specific Humidity (grains/lbm)	50.90			
NOx Corr Factor	0.8982			
CO2 Dilution Factor	16.158			
CFV Vmix (scf @68F)	4184.43			

CVS Flow Rate Avg (scfm) 328.15

Fan Placement: One Fan - Up - Front

Phase Time (secs)	765.10
Distance (miles)	10.240
Bag Analysis Time (secs)	63.3

MFR Test Results

for Procedure 3 HWFE

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10026305	0	0.021	0.0031	183	0	0

<u>Odometer</u>	<u>MPG</u>	<u>PM</u>
4387 M	48.9	0.002

MPG is -8.11 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21
Fuel: 61 Tier 2 Cert Gasoline

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0256-007

Vehicle ID: VW361-4-0194

Test Information



Test Date: 10/25/2013

Key Start: 10:06:06

Fuel Container ID: F0027N

Fuel Type: 61 Tier 2 Cert Test Fuel

Test Procedure: 89 us062bag (us06warmup_2bagus06)

Calculation Method: Gasoline

Pretest Remarks:

MFR Name VOLKSWAGEN

MFR Codes: 590

VWX

Config #: 00

Transmission: S

Shift Schedule: A09980041

Beginning Odometer: 004588.0 MI

Drive Schedule: us06warmup_2bagus06

Bag Data

Phase 1

	HC-FID (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	9.180	723.494	2.237	0.780	3.842	
Ambient	2.806	0.371	0.018	0.044	1.996	
Net Concentration	6.552	723.147	2.220	0.739	1.973	4.238

Remarks:

Phase 2

Sample	5.142	572.540	0.277	0.965	2.922	
Ambient	2.796	0.377	0.015	0.044	1.991	
Net Concentration	2.560	572.192	0.263	0.924	1.082	1.290

Remarks:

Phase 3

Sample						
Ambient						
Net Concentration						

Remarks:

Phase 4

Sample						
Ambient						
Net Concentration						

Remarks:

Results

	HC-FID (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC / NMOG (gpm)	Vol MPG (mpg)
Phase 1	0.113	25.210	0.114	404.8	0.039	0.073 / 0.076	20.041
	0.019	8.708	0.006	221.1	0.009	0.010 / 0.010	37.962

Composite	0.04004	12.35617	0.02989	261.673	0.01606	(NMOG=1.04xNMHC) 0.0238 / 0.0247
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Fuel Economy

	Gasoline MPG	Dyno Settings	Dyno #: D329 - FWD
Phase 1	20.01		Inertia: 3375
Phase 2	37.90		EPA Set Co A: -0.10
			EPA Set Co B: 0.1619
			EPA Set Co C: 0.01589
Composite	31.61		Emiss-Bench: Mexa 7200ste

v130711 - d329 EPAVDAEm131025093509

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**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0256-007

Vehicle ID: VW361-4-0194

<u>Results</u>	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.200	44.597	0.202	716.0	0.070	0.129	1.173
	0.120	54.270	0.037	1377.7	0.059	0.061	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	29.37	29.36		
Avg Cell Temp (degF)	73.84	73.91		
Dew Point (degF)	48.11	48.49		
Specific Humidity (grains/lbm)	50.82	51.54		
NOx Corr Factor	0.8979	0.9007		
CO2 Dilution Factor	15.704	13.099		
CFV Vmix (scf @68F)	1870.51	2876.73		

CVS Flow Rate Avg (scfm) 472.95 472.89

Fan Placement: US06 Only - One Large Fan - Up - Front

Phase Time (secs)	130.00	365.00	107.30
Distance (miles)	1.769	6.232	
Bag Analysis Time (secs)	63.7	276.0	

MFR Test Results

for Procedure 90 US06

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10026306	0.0067	0.231	0.0084	273	0	0.0044

Odometer MPG PM
4412 M 32.7 0.002
MPG is 3.45 % higher than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21
Fuel: 61 Tier 2 Cert Gasoline

To: Mazaitis, Vincent[mazaitis.vincent@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Mon 10/28/2013 3:08:47 PM
Subject: RE: VW Passat - VW411-4-0168

Hi Vince,

Can you check to see what the timing will be for getting lab reports from both vehicles?

Thanks again,

Bill

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Friday, October 25, 2013 7:46 AM
To: Rodgers, William (EEO)
Cc: Snyder, Jim
Subject: RE: VW Passat - VW411-4-0168

Good morning Bill,

This vehicle ran particulates, and as I told Axel this morning, it takes an extra day. With it being Friday, I don't expect to see data today. If it comes in, I'll e-mail it as always.

If I don't talk to you, have a good weekend!

Vince Mazaitis

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Friday, October 25, 2013 7:09 AM
To: Mazaitis, Vincent
Cc: Snyder, Jim
Subject: VW Passat - VW411-4-0168

Hello Vince,

As is normal, we would appreciate receiving the lab results for the VW Passat testing done yesterday.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Glas, Tobias
Sent: Wed 10/23/2013 8:01:31 PM
Subject: RE: EPA Coastdown results of VW Vehicles

OK, I'll be there tomorrow at 7 am and will contact you around 8:45.

See you tomorrow.

Tobias

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, October 23, 2013 3:59 PM
To: Glas, Tobias
Subject: RE: EPA Coastdown results of VW Vehicles

I have Friday off so Thursday is better for me. We have a mtg w/ the lab at 8am but it usually ends b4 8:30.

Jim

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Wednesday, October 23, 2013 3:26 PM
To: Snyder, Jim
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

In that case we'd like to offer a Jetta to be coasted down the next time you run tests.

I can either be at EPA tomorrow for the 7 am test or for the tests on Friday.

Please let me know what is more convenient for you.

Thanks

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

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United States of America

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Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Monday, October 21, 2013 5:18 PM

To: Glas, Tobias

Subject: RE: EPA Coastdown results of VW Vehicles

Hi Tobias, yes they still plan to run them this week. I have a long mtg from 9:30 to 12:00 on thursday so we could get together before that but its safer to plan for after lunch.

RE the questions,

for coastdown testing we use our contractor for procuring test vehicles and sometimes for renting test facilities but we do all the testing and analysis ourselves.

Though I've heard of them , I don't believe our SHEDs have a bag but I need to confirm that.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]
Sent: Monday, October 21, 2013 3:45 PM
To: Snyder, Jim
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

Hope everything is fine at EPA !

We have two Cert cars over at EPA this week and it looks like the tests will be run on Thursday.

I'm planning on coming over and would like to meet you for a quick talk.

Here is the questions I have:

Did you do the Coast Down testing yourself or did you hire a company ?

Are your SHED chambers fixed volume ? If not do they work with a bag or a moveable roof.

Please let me know if you can find a few minutes for me on Thursday.

Thanks

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Glas, Tobias
Sent: Tuesday, October 01, 2013 3:25 AM
To: 'Snyder, Jim'
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

Sorry for getting back to you so late but here are the answers about our Coast Down determination.

All our Coast downs are done in Ehra and we don't split Coast Down runs into different speed ranges.

Can you give me any information if the Coast Down verification was done by EPA or by a contractor?

If it was done by a contractor could you please forward me a contact information ?

Thank you very much !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

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3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Friday, June 28, 2013 4:15 PM

To: Glas, Tobias

Subject: EPA Coastdown results of VW Vehicles

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Wed 10/23/2013 1:35:43 PM
Subject: RE: VW Vehicles

Jim,

The Jetta is on its way to Ann Arbor this morning.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, October 22, 2013 4:02 PM
To: Glas, Tobias; Rodgers, William (EEO)
Subject: VW Vehicles

Hi Bill, I left you a voice mail that the test cells are back up and running sooner than I expected. Looks like they may run them Thursday after all. Its best if you can deliver the 2nd car in the morning so they can still prep it for Thursday.

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Glas, Tobias
Sent: Mon 10/21/2013 7:44:46 PM
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

Hope everything is fine at EPA !

We have two Cert cars over at EPA this week and it looks like the tests will be run on Thursday.

I'm planning on coming over and would like to meet you for a quick talk.

Here is the questions I have:

Did you do the Coast Down testing yourself or did you hire a company ?

Are your SHED chambers fixed volume ? If not do they work with a bag or a moveable roof.

Please let me know if you can find a few minutes for me on Thursday.

Thanks

Tobias Glas

In-Use Emission Compliance Specialist

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3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Glas, Tobias

Sent: Tuesday, October 01, 2013 3:25 AM

To: 'Snyder, Jim'

Subject: RE: EPA Coastdown results of VW Vehicles

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If it was done by a contractor could you please forward me a contact information ?

Thank you very much !

Tobias Glas

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Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Friday, June 28, 2013 4:15 PM

To: Glas, Tobias

Subject: EPA Coastdown results of VW Vehicles

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; Ball, Joel[ball.joel@epa.gov]; Ott, William[ott.william@epa.gov]; Dalton, Joel[Dalton.Joel@epa.gov]; Pidgeon, Bill[pidgeon.bill@epa.gov]; Anderson, Tom[Anderson.Tom@epa.gov]; Schlueter, Hannah (EASZ/1)[hannah.schlueter@volkswagen.de]; Peter, Juergen (EASZ/1)[juergen.peter@volkswagen.de]; Rech, Lothar (I/EA-523)[Lothar.Rech@AUDI.DE]; Handschel, Uwe (I/EA-523)[Uwe.Handschel@AUDI.DE]; Schmidt, Oliver (EEO)[Oliver.Schmidt@vw.com]; Johnson, Stuart (EEO)[Stuart.Johnson@vw.com]; Tamborra, Nick (EEO)[Nick.Tamborra@vw.com]; Sigelko, Jenny (EEO)[Jenny.Sigelko@vw.com]
From: Kata, Leonard (EEO)
Sent: Fri 10/4/2013 9:13:03 PM
Subject: RE: Volkswagen/Audi Meeting with EPA

Hello Jim:

It is not clear when you will see this message; however, I wanted to inform you that at this time, I assume that our meeting will not take place on Monday, October 7, 2013, as scheduled. I suspect that even if Congress reaches an agreement over the weekend, our meeting may not be your first priority on Monday morning.

Our colleagues from Volkswagen AG and Audi AG will be in Michigan throughout most of the week. Therefore, I propose that we meet at your convenience sometime this week, assuming that the government shutdown comes to an end. Our only preference would be to schedule the meeting either early in the day, or late in the day. Let me know your thoughts.

Best regards,

Len

Leonard W. Kata

Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.
Phone: (248) 754-4204
Cell: (248) 797-3886
E-Mail: leonard.kata@vw.com

-----Original Appointment-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, September 12, 2013 5:48 PM
To: Snyder, Jim; Kata, Leonard (EEO); Wehrly, Linc; Ball, Joel; Ott, William; Dalton, Joel; Pidgeon, Bill; Anderson, Tom; Schlueter, Hannah (EASZ/1); Peter, Juergen (EASZ/1) (juergen.peter@volkswagen.de); Rech, Lothar (I/EA-523) (Lothar.Rech@AUDI.DE); Handschel, Uwe (I/EA-523) (Uwe.Handschel@AUDI.DE); Schmidt, Oliver (EEO); Johnson, Stuart; Tamborra, Nick (Nick.Tamborra@vw.com); Sigelko, Jenny (EEO)

Subject: Volkswagen/Audi Meeting with EPA

When: Monday, October 07, 2013 9:30 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).

Where: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE

When: Monday, October 07, 2013 9:30 AM-11:30 AM (GMT-05:00) Eastern Time (US & Canada).

Where: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

Representatives from Volkswagen AG and Audi AG will be visiting the U.S. in early October 2013. We would like to take this opportunity to meet with you to discuss certification-related topics. The primary emission certification topic is the E-Golf preview for MY2015.

There may also be discussion regarding PHEV testing and calculations unless we have that at an earlier mtg.

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Glas, Tobias
Sent: Tue 10/1/2013 7:25:02 AM
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

Sorry for getting back to you so late but here are the answers about our Coast Down determination.

All our Coast downs are done in Ehra and we don't split Coast Down runs into different speed ranges.

Can you give me any information if the Coast Down verification was done by EPA or by a contractor?

If it was done by a contractor could you please forward me a contact information ?

Thank you very much !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]

Sent: Friday, June 28, 2013 4:15 PM

To: Glas, Tobias

Subject: EPA Coastdown results of VW Vehicles

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 9/26/2013 1:45:39 PM
Subject: RE: Confirmatory Test Date Reschedule

Thanks for the quick reply Jim.

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, September 26, 2013 9:44 AM
To: Rodgers, William (EEO)
Subject: FW: Confirmatory Test Date Reschedule

From: Haynes, Ben
Sent: Thursday, September 26, 2013 9:23 AM
To: Snyder, Jim
Subject: RE: Confirmatory Test Date Reschedule

I have rescheduled both vehicles for testing 24 October, 2013 in Verify.

Ben

From: Snyder, Jim
Sent: Thursday, September 26, 2013 8:58 AM
To: Haynes, Ben
Subject: FW: Confirmatory Test Date Reschedule

Hi Ben, Let me know if you don't see these revised availability dates come through on your side.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Thursday, September 26, 2013 8:47 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Confirmatory Test Date Reschedule

Hello Jim,

I processed new Decision Information files for the following test vehicles with hopes of rescheduling tests for the week of October 14th. Please let me know the scheduled dates as soon as you can so flight arrangements can be made from Germany.

Jetta 1.8T VID: VW361-4-0194

Passat 1.8T VID: VW411-4-0168

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Good, David[good.david@epa.gov]
Cc: French, Roberts[french.roberts@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 9/20/2013 10:33:15 AM
Subject: RE: 2014 FE Guide - Errors in EPA's database on Sept 16, 2013

Thanks Dave, yes those were in error, I corrected both models years and the highway and combined unadjusted MPG values in Verify this morning.

Have a nice weekend.

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Thursday, September 19, 2013 6:31 PM
To: Thomas, Richard (EEO)
Cc: French, Roberts; Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's database on Sept 16, 2013

Richard,

re: 2014 FE Guide - Errors in EPA's database on Sept 16, 2013

Richard, we found what we think is an error in the 2013 and 2014 Toaureg diesel indexes. Both are vehicle specific 5-cycle labels with what we think is an error in the unadjusted hwy and combined mpg values.

Attached are the data in Verify as of Sept 16, 2013 which were sent to DOE for posting on www.fueleconomy.gov. Labels with pea green fill in the first few columns have errors which need to be corrected.

The next normal posting of 2014 FE Label data on www.fueleconomy.gov will be Oct 1, 2013. Additionally, on Sept 20, 2013 (tomorrow), I'll send the releasable data to DOE for posting on

www.fueleconomy.gov which was error free as of September 16 and had release dates between Sept 18 and Sept 23, 2013.

If you need an important 2014 FE Label posted on the web before the next posting, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections to Verify when you get a chance.

Thanks

From: Tamborra, Nick (EEO)
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Accepted: FW: Volkswagen/Audi Meeting with EPA
Start Date/Time: Mon 10/7/2013 1:30:00 PM
End Date/Time: Mon 10/7/2013 3:30:00 PM

From: Schmidt, Oliver (EEO)
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Tentative: FW: Volkswagen/Audi Meeting with EPA
Start Date/Time: Mon 10/7/2013 1:30:00 PM
End Date/Time: Mon 10/7/2013 3:30:00 PM

From: Kata, Leonard (EEO)
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Accepted: Volkswagen/Audi Meeting with EPA
Start Date/Time: Mon 10/7/2013 1:30:00 PM
End Date/Time: Mon 10/7/2013 3:30:00 PM

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Schmidt, Oliver (EEO)[Oliver.Schmidt@vw.com]; Johnson, Stuart (EEO)[Stuart.Johnson@vw.com]; Tamborra, Nick (EEO)[Nick.Tamborra@vw.com]; Sigelko, Jenny (EEO)[Jenny.Sigelko@vw.com]; Rist, Domenic (I/EA-523)[Domenic.Rist@audi.de]; Rech, Lothar (I/EA-523)[Lothar.Rech@AUDI.DE]; Peter, Juergen (EASZ/1)[juergen.peter@volkswagen.de]; Schlueter, Hannah (EASZ/1)[hannah.schlueter@volkswagen.de]
From: Kata, Leonard (EEO)
Sent: Wed 9/11/2013 6:00:34 PM
Subject: Volkswagen/Audi Meeting with EPA

Hello Jim:

Representatives from Volkswagen AG and Audi AG will be visiting the U.S. in early October 2013. We would like to take this opportunity to meet with you to discuss certification-related topics. The primary emission certification topic is the E-Golf preview for MY2015. Our proposal would be to meet with you, and other EPA staff that you believe would be appropriate, on Monday, October 7, 2013. Please let me know if this is acceptable, and will inform the VW Group participants accordingly.

Nick Tamborra from our department has also been trying to schedule a meeting on the same day with Chris Nevers, to discuss PHEV emission procedures and calculations. As of now, this meeting has not been confirmed. However, it would be convenient if these meetings can be coordinated.

Please let me know if this is acceptable, and will inform the VW Group participants accordingly. A more detailed agenda will follow.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Tue 8/27/2013 7:19:24 PM
Subject: RE: Verify's Driver trace input

Thanks Jim. I missed that detail from the presentation. I will forward this back to the factories.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, August 27, 2013 3:18 PM
To: Giles, Michael (EEO)
Subject: Verify's Driver trace input

Christi and Karen are both off this week but I looked at the Industry mtg presentation. On the last slide of the Driver trace section, page 63, it says to enter 99.99 if no data.

- Verify will require beginning in 2015 MY (Summer 2013 release)
- If no driver trace data is available
- Enter 99.99
- Driver trace request from EPA more likely
- EPA confirmatory more likely

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Petersen, Pete[petersen.pete@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 8/16/2013 12:51:03 PM
Subject: Manufacturer Code VGA - user authorizations
[VGA Elect Signature Agreements.pdf](#)
[VW Group Verify All Manuf Codes user-info-20130507.xls](#)

Hello Pete,

We are submitting the necessary User information and Electronic Signature forms to initiate 12 Verify user authorizations for the newly created Manuf. Code VGA. There's not a big rush on this since we are likely a month or more away from these new users requiring the use of this manufacturer code (beginning with 2015 model year). Hard copies have been sent to you via FEDEX. Please let me know if there are any questions.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
2. I agree that if I have any reason to believe that the security of my User ID or Password has been compromised I will inform U.S. EPA by calling the CDX Help Desk at 1-888-890-1995 as soon as possible, but no later than 24 hours after I learn of the problem.
3. I agree to maintain an electronic mail account; if any e-mail sent to me by U.S. EPA is returned as undeliverable, I will explain this occurrence when requested by U.S. EPA. I understand that I will be informed through this e-mail address whenever my user identification or password has been modified.
4. I understand that CDX reports the last date my user identification and password were used immediately after successfully logging into CDX.
5. I understand that whenever I electronically sign and submit an electronic document to the CDX, I will receive an e-mail message at my registered e-mail address as an "out-of-band" receipt. This e-mail message will inform me that a submission has been made to CDX from my user account and will contain instructions to view information regarding the submission in my CDX Inbox.
6. I understand that I will receive an e-mail message in my CDX inbox with a link to my encrypted, electronically signed copy of my submission as an "in-band" receipt.
7. I agree to review the acknowledgements and copies of documents that I electronically sign and submit to the US EPA's CDX.
8. I agree that if I receive an in-band or out-of-band receipt for a submission that I do not believe that I submitted, I will notify the CDX Help Desk as soon as possible, but no later than 24 hours, after receipt.
9. I agree to contact the CDX Help Desk if I do not receive a receipt either by in-band or out-of-band message within 5 business days for any electronically signed submission using my credentials.
10. I agree to report, within 24 hours of discovery, any evidence of a discrepancy between an electronic document I have signed and submitted and what the CDX has received from me by contacting the CDX Help Desk.
11. I agree to notify U.S. EPA if I cease to represent the regulated entity specified below, by sending an e-mail message to verify@epa.gov with "Verify Account Termination" in the subject line.
12. I agree that I will be held legally bound, obligated, and responsible for any submittal made through my user account using the Verify System, as though I were making such a submittal in hardcopy form with my handwritten signature as certification.
13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: Michael Hennard

Printed Name: Michael Hennard

Title: Manager - Emissions Defect Reporting

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: mike.hennard@vw.com

Telephone Number: 248-754-4202 Date: 06-27-2013

CDX User ID: _____

Ex. 6

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
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4. I understand that CDX reports the last date my user identification and password were used immediately after successfully logging into CDX.
5. I understand that whenever I electronically sign and submit an electronic document to the CDX, I will receive an e-mail message at my registered e-mail address as an "out-of-band" receipt. This e-mail message will inform me that a submission has been made to CDX from my user account and will contain instructions to view information regarding the submission in my CDX Inbox.
6. I understand that I will receive an e-mail message in my CDX inbox with a link to my encrypted, electronically signed copy of my submission as an "in-band" receipt.
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9. I agree to contact the CDX Help Desk if I do not receive a receipt either by in-band or out-of-band message within 5 business days for any electronically signed submission using my credentials.
10. I agree to report, within 24 hours of discovery, any evidence of a discrepancy between an electronic document I have signed and submitted and what the CDX has received from me by contacting the CDX Help Desk.
11. I agree to notify U.S. EPA if I cease to represent the regulated entity specified below, by sending an e-mail message to verify@epa.gov with "Verify Account Termination" in the subject line.
12. I agree that I will be held legally bound, obligated, and responsible for any submittal made through my user account using the Verify System, as though I were making such a submittal in hardcopy form with my handwritten signature as certification.
13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: Tobias Glas

Printed Name: Tobias Glas

Title: In Use Emissions Compliance Specialist

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI,
48326

E-mail Address: tobias.glas@vw.com

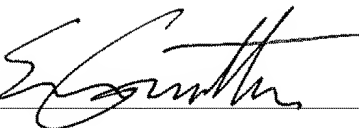
Telephone Number: 248-754-4211 Date: 06/27/13

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
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3. I agree to maintain an electronic mail account; if any e-mail sent to me by U.S. EPA is returned as undeliverable, I will explain this occurrence when requested by U.S. EPA. I understand that I will be informed through this e-mail address whenever my user identification or password has been modified.
4. I understand that CDX reports the last date my user identification and password were used immediately after successfully logging into CDX.
5. I understand that whenever I electronically sign and submit an electronic document to the CDX, I will receive an e-mail message at my registered e-mail address as an "out-of-band" receipt. This e-mail message will inform me that a submission has been made to CDX from my user account and will contain instructions to view information regarding the submission in my CDX Inbox.
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7. I agree to review the acknowledgements and copies of documents that I electronically sign and submit to the US EPA's CDX.
8. I agree that if I receive an in-band or out-of-band receipt for a submission that I do not believe that I submitted, I will notify the CDX Help Desk as soon as possible, but no later than 24 hours, after receipt.
9. I agree to contact the CDX Help Desk if I do not receive a receipt either by in-band or out-of-band message within 5 business days for any electronically signed submission using my credentials.
10. I agree to report, within 24 hours of discovery, any evidence of a discrepancy between an electronic document I have signed and submitted and what the CDX has received from me by contacting the CDX Help Desk.
11. I agree to notify U.S. EPA if I cease to represent the regulated entity specified below, by sending an e-mail message to verify@epa.gov with "Verify Account Termination" in the subject line.
12. I agree that I will be held legally bound, obligated, and responsible for any submittal made through my user account using the Verify System, as though I were making such a submittal in hardcopy form with my handwritten signature as certification.
13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: 

Printed Name: Eric Guenther

Title: Emissions Defect Reporting Engineer

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: eric.guenther@vw.com

Telephone Number: 248-754-5943 Date: 6-27-13

CDX User ID: _____

Ex. 6

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
2. I agree that if I have any reason to believe that the security of my User ID or Password has been compromised I will inform U.S. EPA by calling the CDX Help Desk at 1-888-890-1995 as soon as possible, but no later than 24 hours after I learn of the problem.
3. I agree to maintain an electronic mail account; if any e-mail sent to me by U.S. EPA is returned as undeliverable, I will explain this occurrence when requested by U.S. EPA. I understand that I will be informed through this e-mail address whenever my user identification or password has been modified.
4. I understand that CDX reports the last date my user identification and password were used immediately after successfully logging into CDX.
5. I understand that whenever I electronically sign and submit an electronic document to the CDX, I will receive an e-mail message at my registered e-mail address as an "out-of-band" receipt. This e-mail message will inform me that a submission has been made to CDX from my user account and will contain instructions to view information regarding the submission in my CDX Inbox.
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11. I agree to notify U.S. EPA if I cease to represent the regulated entity specified below, by sending an e-mail message to verify@epa.gov with "Verify Account Termination" in the subject line.
12. I agree that I will be held legally bound, obligated, and responsible for any submittal made through my user account using the Verify System, as though I were making such a submittal in hardcopy form with my handwritten signature as certification.
13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: Dennis Reineke

Printed Name: Dennis Reineke

Title: Certification Specialist

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: dennis.reineke@vw.com

Telephone Number: 248-754-4215 Date: 6/27/13

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
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13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: 

Printed Name: Greg Allen

Title: Certification Analyst

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: gregory.allen@vw.com

Telephone Number: 248-754-4209 Date: 6/27/2013

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
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13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: Michael T. Giles

Printed Name: Michael T. Giles

Title: Certification Engineer

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: michael.giles@vw.com


Telephone Number: 248-754-4229 Date:

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
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13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: 
Printed Name: Richard Thomas
Title: Certification Engineer
Company: Volkswagen Group of America, Inc.
Address: 3800 Hamlin Road
City, State, Zip: Auburn Hills, MI, 48326
E-mail Address: richard.thomas@vw.com
Telephone Number: 248-754-4213 Date: _____
CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

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Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
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Signature: 

Printed Name: Greg McReynolds

Title: Emissions Defect Reporting Engineer

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: Gregory.McReynolds@vw.com

Telephone Number: 248-754-4203 Date:

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

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Verify Submitter

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Signature: Suanne K. Thomas

Printed Name: Suanne Thomas

Title: Regulatory Engineer

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: suanne.thomas@vw.com

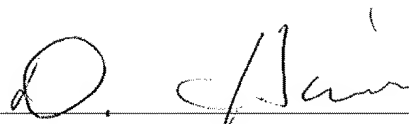
Telephone Number: 248-754-4206 Date: 27. June. 2013

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

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Signature: 

Printed Name: Dale Harris

Title: Certification Specialist

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address dale.harris@vw.com

Telephone Number: 248-754-4218 Date: 6/27/2013

CDX User ID: **Ex. 6**

Electronic Signature Agreement (ESA)

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Signature: Leonard W. Kata

Printed Name: Leonard Kata

Title: Certification Manager

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: leonard.kata@vw.com

Telephone Number: 248-754-4204 Date: 06/28/2013

CDX User ID: Ex. 6



Electronic Signature Agreement (ESA)
To be signed and submitted by a
Verify Submitter

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Signature: Nigel Bailey

Printed Name: Nigel Bailey

Title: Engineer - Legislation & Certification

Company: Bentley Motors Limited.

Address: Pyms Lane

City, State, Zip: Crewe, Cheshire, CW1 3PL, United Kingdom

E-mail

Address: Nigel.bailey@bentley.co.uk

Telephone Number: +44 1270 653327 Date: 15th July 2013

CDX User ID:

Ex. 6

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
From: Giles, Michael (EEO)
Sent: Thur 8/15/2013 2:05:09 PM
Subject: PHEV Test XML Example requested

Hello Jim or Bob,

I am updating our test information database, and would like to add the necessary data fields to handle PHEV information in the future. I am using the schema as a reference, but actual data sets (if any are available) would help me wrap my head around the design.

If available to share, could you send us a small selection of example test XML data sets, possibly covering various modes (FTP, US06, sustaining mode, depleting mode)?

Anything you can share would be greatly appreciated.

Thanks,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Mon 8/12/2013 5:00:15 PM
Subject: RE: N2O testing waiver extended through MY 2016

Hi Jim,

Thanks for the information, not sure why I didn't find this before.

Regards

Mike

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, August 12, 2013 12:37 PM
To: Giles, Michael (EEO)
Subject: FW: N2O testing waiver extended through MY 2016

From: French, Roberts
Sent: Monday, August 12, 2013 12:36 PM
To: Snyder, Jim
Subject: N2O testing waiver extended through MY 2016

86.1829 (b)(1)(iii)

(G) For the 2012 through 2016 model years, in lieu of testing a vehicle for N₂O emissions, a manufacturer may provide a statement in its application for certification that such vehicles comply with the applicable standards. Such a statement may also be used for 2017 and 2018 model year vehicles only if the

application for certification for those vehicles is based upon data carried over from a prior model year, as allowed under this subpart. No 2019 and later model year vehicles may be waived from testing for N₂ O emissions. Such a statement must be based on previous emission tests, development tests, or other appropriate information and good engineering judgment. Vehicles certified to N₂ O standards using a compliance statement in lieu of submitting test data are not required to collect and submit N₂ O emission data under the in-use verification testing requirements of § 86.1845.

Roberts W. French, Jr.

Environmental Protection Specialist

Compliance Division

National Vehicle and Fuel Emissions Laboratory

2000 Traverwood Drive

Ann Arbor, Michigan 48105

Phone: (734) 214-4380

Fax: (734) 214-4053

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 7/31/2013 3:24:24 PM
Subject: RE: Jetta Hybrid

Jim,

We have resubmitted the applications and Cert Request with the corrected Evap family name for the Jetta Hybrid. No big rush on this due to a delayed introduction, but if a Certificate can be issued by the end of next week that will be sufficient. Thanks for the help.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, July 31, 2013 8:30 AM
To: Rodgers, William (EEO)
Subject: RE: Please Deny Cert Request - Jetta Hybrid

Your request to Deny is approved.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Wednesday, July 31, 2013 7:32 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Please Deny Cert Request - Jetta Hybrid

Hello Jim,

Per my phone message, please deny the Certification request for 2014 Test Group EVWXV01.4HEV, Evap family EVWXR0110PHE, so we can change the evap family name.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]; Stump, Barbara[Stump.Barbara@epa.gov]
From: Thomas, Richard (EEO)
Sent: Tue 7/30/2013 4:30:50 PM
Subject: RE: Corrected Test Group Name for 2014 Jetta Hybrid

Thank you much.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, July 30, 2013 12:29 PM
To: Thomas, Richard (EEO)
Cc: Peavyhouse, Robert; Stump, Barbara
Subject: RE: Corrected Test Group Name for 2014 Jetta Hybrid

Bob said you might be able to just change the Test group name in the FE label. Is there a box that requests test group? If not you can invalidate or void it .

I passed the correction form to Barbra Stump so your fees can be re-assigned to the correct test group name. Once that's done I will have Chris Nevers void the old certificate name and I will approve the new one.

-JIM

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Friday, July 26, 2013 9:22 AM
To: Snyder, Jim
Cc: Good, David; Stump, Barbara; Rodgers, William (EEO); Sohacki, Lynn; Kata, Leonard (EEO)
Subject: Corrected Test Group Name for 2014 Jetta Hybrid

Hi Jim;

Please find attached the EPA Certification Fee correction form (if needed) to correct the test group name of our already certified 2014 Jetta Hybrid. Bill has sent the corrected application

today and has made the changes to the CSI information and has requested the issuance of a certificate of conformity, if this is the way in which you choose to handle this correction. Please make contact with Bill, when you are back, regarding how we can correct the name. We might have to withdraw the original test group and request a new certificate. Lynn was going to contact you also, with regard to this correction.

Best regards,

Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com



U.S. Environmental Protection Agency
Motor Vehicle and Engine Compliance Program
Correction Form

Date: 07/26/2013

Manufacturer Name: Volkswagen Group of America, Inc.

Family Name: E V W X V 0 1 . 4 P H E

Original Payment Date: 06/13/2013

Original Amount Paid: \$ 29,848.00

Revised Family Name: E V W X V 0 1 . 4 H E V

Company Representative:

Name: Richard E Thomas Phone: 248 754 4213

Email Address: Richard.Thomas@VW.com Fax: (optional)

Reason for Correction:

- ☒ Typographical error in original family or test group name.
- ☐ Overpayment for original family name, please apply the overpayment to the revised family name. Write the overpayment amount in the comments box.
- ☐ Other (explain in comments box):

Comments:

accidentally did not change the last three characters of the test group name from the previous model year test group

Submission:

- (1) Forms may be filled out and submitted online at www.Pay.gov.
- (2) Forms may be submitted as email attachments to Fees@epa.gov
- (3) Forms may be submitted by surface mail to:

Environmental Protection Agency- NVFEL
Fees Team
Compliance Division
2000 Traverwood
Ann Arbor, Michigan 48105

The public reporting and recordkeeping burden for this collection of information is estimated to average 18 minutes per response. Send comments on EPA's need for this information, the accuracy of the provided burden estimate, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques, to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., N.W., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed Form 3520-29 to this address.

To: Good, David[good.david@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 7/26/2013 11:54:57 AM
Subject: FW: 2014 Volkswagen Jetta Hybrid Test Group Name - Correction

For your information, we are looking for the simplest, fastest way to accomplish this correction. Bill will submit the application with the corrected test group name today. Barbara was going to speak with Lynn Sohacki but I have not heard anything since I spoke with Barbara a couple days ago.

From: Thomas, Richard (EEO)
Sent: Wednesday, July 24, 2013 10:30 AM
To: Stump, Barbara (Stump.Barbara@epa.gov)
Subject: 2014 Volkswagen Jetta Hybrid Test Group Name - Correction

Hi Barbara;

We have discovered that the factory in Germany changed the test group name of the 2014 Jetta Hybrid from EVWXV01.4**PHE** to EVWXV01.4**HEV** without our office noticing this change. We paid the certification fee and were issued a certificate under the wrong test group name. We are working to correct the application and now we need to change the certification fee payment from test group name EVWXV01.4**PHE** to the correct name of: EVWXV01.4**HEV**.

Is there a simple way in which we can make this correction to the test group or must we withdraw the incorrect test group and get a refund first and reapply it to the correct name? What is the procedure? I could not find your phone number to call in the directory, could you please call me.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road

Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 7/25/2013 3:25:31 PM
Subject: RE: Drivers Trace Information Request VID 3UF-SQ5

Thanks Jim.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, July 25, 2013 10:25 AM
To: Rodgers, William (EEO)
Subject: FW: Drivers Trace Information Request VID 3UF-SQ5

From: Courtois, William
Sent: Thursday, July 25, 2013 10:15 AM
To: Snyder, Jim
Subject: RE: Drivers Trace Information Request VID 3UF-SQ5

Jim,

The two files are attached.

Bill

From: Snyder, Jim
Sent: Thursday, July 25, 2013 9:16 AM
To: Courtois, William
Subject: FW: Drivers Trace Information Request VID 3UF-SQ5

Bill, can you access these traces for VW?

Jim

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Wednesday, July 24, 2013 11:28 AM
To: Snyder, Jim
Cc: Kata, Leonard (EEO); Giles, Michael (EEO); Allen, Gregory
Subject: Drivers Trace Information Request VID 3UF-SQ5

Hello Jim,

To better understand the result differences found between our manufacturer tests and the EPA confirmatory tests recently performed, we are interested in obtaining the EPA drivers trace data from the FTP75 testing performed on June 28th and July 16th for the 2014 Audi SQ5, Vehicle ID 3UF-SQ5. The lab test numbers are as follows:

2013-0217-010

2013-0217-012

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Mon 7/22/2013 6:07:23 PM
Subject: RE: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

Thanks Jim

-----Original Message-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, July 22, 2013 1:45 PM
To: Rodgers, William (EEO)
Cc: Allen, Gregory
Subject: RE: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, July 22, 2013 8:46 AM
To: Snyder, Jim
Cc: Allen, Gregory
Subject: RE: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

Thanks no rush.

-----Original Message-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, July 22, 2013 8:44 AM
To: Rodgers, William (EEO)
Subject: RE: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

Nobody can sign into Verify this morning. I'll send it once its fixed.

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, July 22, 2013 8:03 AM
To: Snyder, Jim
Subject: RE: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

resend

-----Original Message-----

From: Rodgers, William (EEO)
Sent: Monday, July 22, 2013 7:26 AM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Verify Help Desk; Allen, Gregory; Giles, Michael
Subject: FW: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

Hello Jim,
Please forward a pdf copy of the Certificate mentioned below. It continues to be a problem when Certificates are only accessible by the submitter.

Thanks,
Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Friday, July 19, 2013 12:56 PM
To: Rodgers, William (EEO); Hart, Robert (VWoA); Giles, Michael (EEO); VWoA EEO Government
Subject: Certificate EBEXV06.84LA-002 with Evap Family EBEXR0220262 has been issued

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Certificate Number EBEXV06.84LA-002 with Evaporative Family EBEXR0220262 has been issued. A copy of the signed certificate is attached below.

The Verify submission this message relates to has the following values:

Test Group Name: EBEXV06.84LA

The following transaction identifier has been assigned to this request:

_d8422401-ff2d-4452-8446-7f482bd85e8d

Please do not reply to this message.

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 7/19/2013 9:12:57 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of July 16, 2013
VW Group 2014 FE Guide-all rel dates-no-sales-7-16-2013.xlsx

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of July 16, 2013

Attached are the data in Verify as of July 16, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

The next normal posting of 2014 FE Label data will be on August 1, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month). Additionally on July 23, 2013, we'll post 2014 FE Label data which was error-free in Verify as of July 16, 2013 and had a release date of July 17-23, 2013.

If you need an important 2014 FE Label posted on the web before the next posting, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections to Verify when you get a chance.

Thanks

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Wed 7/17/2013 6:28:43 PM
Subject: E3UF-SQ5
[E3UF-SQ5 7-16-13.pdf](#)


Hello Bill,

Sorry you got this so late! Please find enclosed the Laboratory Test Data for the Subject vehicle. If you have any questions or concerns, please contact me.

Thanks Bill,

Vince Mazaitis

CERT

NVFEL Laboratory Test Data							CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data							
Test Number: 2013-0217-012			Vehicle ID: E3UF-SQ5				
Test Date: 7/16/2013			MFR Name: AUDI				
Key Start / Hot Soak: 11:22:30 / 09:47			MFR Codes: 640 ADX				
Fuel Container ID: F00023			Config #: 00				
Fuel Type: 61 Tier 2 Cert Test Fuel			Transmission: S				
Test Procedure: 21 Federal fuel 2-day exhaust (w/can loa			Shift Schedule: A09980005				
Calculation Method: Gasoline			Beginning Odometer: 004684.0 MI				
Pretest Remarks:			Drive Schedule: fip3bag				
			Soak Period: 22.5 hours				
Test Information							
							
Bag Data							
		HC-FID	CO	NOx	CO2	CH4	NonMeth HC
		(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)
Phase 1							
Sample		10.121	61.879	0.700	1.045	2.731	
Ambient		4.447	0.269	0.013	0.043	1.913	
Net Concentration		6.023	61.631	0.688	1.005	0.969	4.962
Remarks:							
Phase 2							
Sample		4.228	1.108	0.204	0.679	1.819	
Ambient		4.404	0.270	0.009	0.042	1.906	
Net Concentration		0.048	0.851	0.196	0.639	0.010	0.037
Remarks:							
Phase 3							
Sample		5.160	7.726	0.337	0.899	1.942	
Ambient		4.809	0.254	0.007	0.042	1.895	
Net Concentration		0.674	7.489	0.331	0.860	0.175	0.483
Remarks:							
Phase 4							
Sample							
Ambient							
Net Concentration							
Remarks:							
Results							
		HC-FID	CO	NOx	CO2	CH4	NMHC / NMOG
		(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)
Phase 1							
		0.089	1.847	0.031	473.5	0.017	0.074 / 0.077
		0.001	0.041	0.014	478.8	0.000	0.001 / 0.001
		0.010	0.224	0.015	403.6	0.003	0.007 / 0.007
Weighted		0.02185	0.46521	0.01786	457.064	0.00440	0.0177 / 0.0184
							(NMOG=1.04xNMHC)
Fuel Economy							
		Gasoline MPG	Dyno Settings				Dyno #: D002
Phase 1		18.73					Inertia: 4750
Phase 2		18.64					EPA Set Co A: 16.01
Phase 3		22.10					EPA Set Co B: 0.3322
							EPA Set Co C: 0.02176
Weighted		19.50					Emiss-Bench: D002

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0217-012

Vehicle ID: E3UF-SQ5

Results	HC-FID	CO	NOx	CO2	CH4	NMHC	Meth Response
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	1.095
Phase 1	0.321	6.629	0.112	1699.0	0.060	0.264	
	0.004	0.157	0.054	1848.1	0.001	0.003	
	0.036	0.803	0.054	1447.9	0.011	0.026	

Test Conditions

	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	29.34	29.33	29.33	
Avg Cell Temp (degF)	75.11	75.19	75.53	
Dew Point (degF)	51.03	50.92	50.50	
Specific Humidity (grains/lbm)	56.78	56.56	55.67	
NOx Corr Factor	0.9211	0.9203	0.9167	
CO2 Dilution Factor	12.732	19.724	14.883	
CFV Vmix (scf @68F)	3262.38	5585.69	3250.38	
CVS Flow Rate Avg (scfm)	386.00	385.18	385.04	

Fan Placement: One Fan - Down - Front

Phase Time (secs)	507.10	870.10	506.51
Distance (miles)	3.588	3.860	3.588
Bag Analysis Time (secs)	143.0	142.2	141.6

MFR Test Results

for Procedure 21 Federal fuel 2-day exhaust (w/can load)

MFR Number	HC	CO	NOx	CO2	NMOG	NonMeth HC
10025853	0.0218	0.47	0.022	425	0	0.0174

Odometer **MPG** **PM**
4320 M 21 0.004

MPG is 7.69 % higher than EPA MPG

MFR Lab: Audi Ingolstadt

Dyno: 8

Fuel: 61 Tier 2 Cert Gasoline

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Giles, Michael (EEO)
Sent: Mon 7/15/2013 6:16:28 PM
Subject: RE: VW - Certificate and Confirmatory Test

Thanks again Jim!

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, July 15, 2013 2:14 PM
To: Giles, Michael (EEO)
Cc: Rodgers, William (EEO)
Subject: RE: VW - Certificate and Confirmatory Test

All I could find out for tomorrow's testing is the usual, be there by 7 am. I don't get in until 8 so tell the guard you're here for testing and mention Vince Mazaitis as contact.

-Jim

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Monday, July 15, 2013 7:38 AM
To: Snyder, Jim
Cc: Rodgers, William (EEO)
Subject: VW - Certificate and Confirmatory Test

Hello Jim,

We received a notice Friday that the certificate for the Jetta Hybrid (Test Group EVWXV01.4PHE and evap family EVWXR0110PHE) was issued. Would you be able to forward the PDF to me? Bill is out of the office today and I am unable to get a copy of this cert.

Lastly, could you let us know the start time for the re-test for the SQ5 Tuesday. Bill is planning

to be there for the test.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Mon 7/15/2013 1:17:55 PM
Subject: RE: VW - Certificate and Confirmatory Test

Thanks!

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, July 15, 2013 8:24 AM
To: Giles, Michael (EEO)
Subject: RE: VW - Certificate and Confirmatory Test

Here's is the certificate. I'll see if I can find something out on the test time.

-Jim

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Monday, July 15, 2013 7:38 AM
To: Snyder, Jim
Cc: Rodgers, William (EEO)
Subject: VW - Certificate and Confirmatory Test

Hello Jim,

We received a notice Friday that the certificate for the Jetta Hybrid (Test Group EVWXV01.4PHE and evap family EVWXR0110PHE) was issued. Would you be able to forward the PDF to me? Bill is out of the office today and I am unable to get a copy of this cert.

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Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Mon 12/16/2013 2:39:51 PM
Subject: RE: Question about VW CC Class S146, test group BADXV02.03UA

Thank you, Tobias. That will be fine.

Happy Holidays and **Ex. 6**

Lynn

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Saturday, December 14, 2013 11:17 AM
To: Sohacki, Lynn
Subject: RE: Question about VW CC Class S146, test group BADXV02.03UA

Hi Lynn!

Ex. 6

Of the top of my head I don't remember any campaigns that are emission related, but I'd like to double check when I'm back in the office in January.

I hope that is ok with you.

Happy holidays!!

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]

Sent: Thursday, December 12, 2013 3:58 PM

To: Glas, Tobias

Subject: Question about VW CC Class S146, test group BADXV02.03UA

Hi, Tobias.

We are planning to start recruiting vehicles for this class even though it has been a long time since I sent the notification letter. One potential vehicle has had a computer reflash or update. I looked though the defect reports to see if there were any recalls or service actions on this test group for emissions purposes but couldn't locate anything. Have there been any emissions-related service campaigns for this test group?

Thanks in advance for your response.

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Mon 6/17/2013 12:12:25 PM
Subject: RE: Notificaiton of EPA In-use class S146

Good morning, Tobias.

We will not need the defueling process unless we do emissions test on the vehicle. At that time I'll let you know that we need the instructions.

There is a chance that I'll be in Chelsea on Thursday but if I'm in Ann Arbor I'd enjoy a chance to meet you. Do you know when you will be here? I'm usually back in the office in the afternoon. Hopefully we can meet.

Have a good day!

Lynn

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Monday, June 17, 2013 8:07 AM
To: Sohacki, Lynn
Subject: RE: Notificaiton of EPA In-use class S146

Hi Lynn !

I hope you had a great weekened !

Please let me know what kind of information you need for testing these cars and when you need that information.

For example the defueling procedure, do you need it upfront or is it ok when we bring the information when we have a chance to inspect the cars ?

I'm gonna be at EPA this Thursday because one of our certification vehicles will be tested, maybe you have a couple of minutes to say hello.

Thanks for your help!

Best regards

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]
Sent: Friday, May 17, 2013 4:41 PM
To: Glas, Tobias
Subject: Notificaiton of EPA In-use class S146

Hi, Tobias.

Attached is a copy of the letter sent to your company announcing the selection of class S146.
The estimated start date is the week ending June 28, 2013.

Please let me know if you have any questions.

Thanks,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Mon 6/17/2013 6:53:40 PM
Subject: RE: Notificaiton of EPA In-use class S146

Hi, Tobias.

Yes, we got it ready and started testing today.

Please give me a call on Thursday when you are free.

Regards,

Lynn

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Monday, June 17, 2013 8:20 AM
To: Sohacki, Lynn
Subject: RE: Notificaiton of EPA In-use class S146

Hi Lynn !

It depends what time the testing is done on Thursday. I'll let you know as soon as I have the information.

Did you get the Tiguan ready for the coastdown testing in Chelsea ?

Best regards

Tobias

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]
Sent: Monday, June 17, 2013 8:12 AM
To: Glas, Tobias
Subject: RE: Notificaiton of EPA In-use class S146

Good morning, Tobias.

We will not need the defueling process unless we do emissions test on the vehicle. At that time I'll let you know that we need the instructions.

There is a chance that I'll be in Chelsea on Thursday but if I'm in Ann Arbor I'd enjoy a chance to meet you. Do you know when you will be here? I'm usually back in the office in the afternoon. Hopefully we can meet.

Have a good day!

Lynn

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]
Sent: Monday, June 17, 2013 8:07 AM
To: Sohacki, Lynn
Subject: RE: Notificaiton of EPA In-use class S146

Hi Lynn !

I hope you had a great weekend !

Please let me know what kind of information you need for testing these cars and when you need that information.

For example the defueling procedure, do you need it upfront or is it ok when we bring the information when we have a chance to inspect the cars ?

I'm gonna be at EPA this Thursday because one of our certification vehicles will be tested, maybe you have a couple of minutes to say hello.

Thanks for your help!

Best regards

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]

Sent: Friday, May 17, 2013 4:41 PM

To: Glas, Tobias

Subject: Notificaiton of EPA In-use class S146

Hi, Tobias.

Attached is a copy of the letter sent to your company announcing the selection of class S146.
The estimated start date is the week ending June 28, 2013.

Please let me know if you have any questions.

Thanks,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Fri 6/7/2013 5:25:02 PM
Subject: RE: Parameters Needed for Coastdown Testing
Coastdown - VW Tiguan -6-14-13.pdf

Hi, Tobias.

Thanks for the parameters. I will attach a copy of the official notification letter sent to Dennis Reineke.

The testing will take place between June 10 and 21 at Chrysler's Chelsea Proving Grounds in Chelsea, MI. We will be testing several makes and models of vehicles of which the Tiguan is one. I've received notification that this Tiguan has a cracked windshield and is awaiting a new one. Apparently, the dealership is having a hard time getting a replacement but we hope that the replacement will take place in time for us to test this vehicle. If not, I may need to ask you for parameters for another vehicle.

Have a nice weekend.

Lynn

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Friday, June 07, 2013 11:45 AM
To: Sohacki, Lynn
Subject: RE: Parameters Needed for Coastdown Testing

Hi Lynn !

Here are the data for the coast down test.

If you need any more information, please let me know.

Is it possible to get any more details about the testing (which cars, where etc.)?

Have a nice weekend !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]

Sent: Tuesday, June 04, 2013 2:03 PM

To: Glas, Tobias

Subject: Parameters Needed for Coastdown Testing

Hi, Tobias.

EPA will be conducting some coastdown tests on a variety of vehicles over the next two weeks. A notification letter to VW is being prepared and a copy will be sent to you shortly. However, because the testing is scheduled to start next week I am sending a request for parameters in advance of the notification letter. I apologize for the late notice.

Please let me know if you have any questions.

Regards,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL VEHICLE AND FUEL EMISSIONS LABORATORY
2565 PLYMOUTH ROAD
ANN ARBOR, MICHIGAN 48105-2498

OFFICE OF
AIR AND RADIATION

June 4, 2013

Mr. Dennis Reineke
Volkswagen of America
3800 Hamlin Rd.,
Auburn Hills, Michigan 48326

Dear Dennis;

The Environmental Protection Agency plans to include a VW Tiguan in its coast down surveillance testing program. The testing is tentatively scheduled for the week ending June 14, 2013.

A 2013 model year, low mileage vehicle will be procured and it will be ballasted to the proper weight. Maintenance will consist of an under-hood inspection and a wheel alignment, if necessary.

Coast down testing will take place on a track. Once the dyno coefficients have been established, the vehicle may also undergo a federal test procedure and highway cycle.

If you have any questions please contact me at (734) 214-4851.

Sincerely,

A handwritten signature in cursive script, reading "Lynn Sohacki", is positioned above the typed name.

Lynn Sohacki
Compliance Division

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Tue 6/4/2013 6:03:27 PM
Subject: Parameters Needed for Coastdown Testing
[VW Tiguan coastdown parameters form.xlsx](#)

Hi, Tobias.

EPA will be conducting some coastdown tests on a variety of vehicles over the next two weeks. A notification letter to VW is being prepared and a copy will be sent to you shortly. However, because the testing is scheduled to start next week I am sending a request for parameters in advance of the notification letter. I apologize for the late notice.

Please let me know if you have any questions.

Regards,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Fri 5/17/2013 8:40:33 PM
Subject: Notificaiton of EPA In-use class S146
NOTIF-S-146-Audi.doc

Hi, Tobias.

Attached is a copy of the letter sent to your company announcing the selection of class S146.
The estimated start date is the week ending June 28, 2013.

Please let me know if you have any questions.

Thanks,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

May 6, 2013

Mr. Dennis Reineke
Volkswagen of America
3800 Hamlin Rd.,
Auburn Hills, Michigan 48326

Dear Mr. Reineke,

The Environmental Protection Agency will test a 2011 model-year Audi test-group in our surveillance test-program. The group shown in Enclosure 1 will be tested at the National Vehicle and Fuel Emissions Laboratory in Ann Arbor, Michigan. Test results which exceed applicable standards may lead to confirmatory testing.

A sample of three or more vehicles will be procured. Maintenance will consist of an under-hood inspection and review of on-board computer codes. The federal test procedure and highway cycle will follow a single LA-4 preconditioning cycle. If this test-group contains models which are two wheel drive with selectable four wheel drive or selectable all wheel drive, the vehicles may be tested in either of these modes.

One vehicle may be subjected to an evaporative test per class. Additionally, fault conditions may be introduced on one or more of the vehicles to test the response of the On-Board Diagnostics (OBD) system. If you are aware of OBD enabling criteria which would limit our ability to evaluate these systems, please inform me. Copies of the OBD enabling criteria which were approved during certification should be provided if there are such limitations.

We invite your representatives to be present as observers during the test program. If you have any questions concerning this investigation please contact me.

Sincerely,

Lynn Sohacki
Compliance Division

Enclosure

ENCLOSURE 1

<u>Lab</u>	NVFEL Ann Arbor, Michigan
<u>Test Group</u>	BADXV02.03UA
<u>Estimated Start Date</u>	Week-ending <date>
<u>Recall/Testing Representative</u>	Lynn Sohacki
<u>Telephone Number</u>	(734) 214-4851
<u>E-mail address</u>	Sohacki.lynn@epa.gov
<u>Class Numbers</u>	S146/S147 (low-mileage / high-mileage)

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Fri 4/5/2013 2:10:00 PM
Subject: RE: Hello

Hi, Tobias.

Thanks for your message. I'm checking about the best way to handle CREE values and will get back to you as soon as I determine the best course of action.

I hope you have a good weekend!

Lynn

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, April 04, 2013 11:15 AM
To: Sohacki, Lynn
Subject: RE: Hello

Hi Lynn !

I have a few questions about submitting CREE values for My 12. Should we handle that via Email or should I come over next week to meet you?

Let me know what is more convenient for you !

Thanks for your help !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki.Lynn@epamail.epa.gov [<mailto:Sohacki.Lynn@epamail.epa.gov>]

Sent: Wednesday, February 06, 2013 4:07 PM

To: Glas, Tobias

Subject: Hello!

Hi, Tobias.

I look forward to working with you in EPA's in-use program. Please feel free to call me if you have any questions.

Regards,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

To: Tobias.Glas@vw.com[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Mon 2/25/2013 10:11:09 PM
Subject: Data for S108-0034
[S108RXX-0034.pdf](#)

Hi, Tobias.

Please find the data attached.

Thanks,

Lynn

To: Sebastian.Berenz@vw.com[Sebastian.Berenz@vw.com];
Tobias.Glas@vw.com[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Mon 2/11/2013 3:36:35 PM
Subject: Test data for in-use vehicle S108-0014
[S108RXX-0014.pdf](#)

Hi.

The data for the above vehicle is attached. Please give me a call if you have any questions.

Lynn Sohacki
Environmental Protection Agency
(734)214-4851
(734)214-4869 fax

To: Berenz, Sebastian (EEO)[Sebastian.Berenz@vw.com]
From: Sohacki, Lynn
Sent: Wed 2/6/2013 9:03:03 PM
Subject: Re: VW/Audi personnel change IUVF responsibilities

Hi, Sebastian.

Thank you for the introduction to Mr. Tobias Glas.

It was great working with you! I wish you the best as you return to Germany.

Sincerely,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

From: "Berenz, Sebastian (EEO)" <Sebastian.Berenz@vw.com>
To: Lynn Sohacki/AA/USEPA/US@EPA, Bernd Liebner/AA/USEPA/US@EPA, Joel Ball/AA/USEPA/US@EPA, Jim Snyder/AA/USEPA/US@EPA, Vincent Mazaitis/AA/USEPA/US@EPA, JohnH White/AA/USEPA/US@EPA, Bruce Garrison/AA/USEPA/US@EPA, Mark Maury/AA/USEPA/US@EPA, [Ex. 7 @arb.ca.gov], [Ex. 7 @arb.ca.gov], [Ex. 7 @arb.ca.gov], [Ex. 7 @arb.ca.gov]
Cc: "Schmidt, Oliver (EEO)" <Oliver.Schmidt@vw.com>, "Johnson, Stuart (EEO)" <Stuart.Johnson@vw.com>, "Glas, Tobias" <Tobias.Glas@vw.com>, "Horton, Garrett" <Garrett.Horton@vw.com>, "Barke, Matthias" <Matthias.Barke@vw.com>
Date: 02/06/2013 03:55 PM
Subject: VW/Audi personnel change IUVF responsibilities

Hello everybody,

I just want to inform you that we at VW/Audi have a personnel change for all in-use verification program related subjects within the Engineering and Environmental Office. **Mr. Tobias Glas** will take over my position as the responsible IUVF specialist for the next few years.

We will work side by side during the next couple weeks and get everything up to speed until I go back to Germany for good in march 2013.

Please contact **Tobias** in regards of any in-use compliance related subjects.

Tobias Glas

In-Use Emission Compliance Specialist
Engineering & Environmental Office
Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America
Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

As a backup you can contact also **Mr. Garrett Horton** with EEO at VWGoA for any in-use questions.

Garrett Horton

Engineering Analyst
Engineering & Environmental Office
Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America
Phone: (248) 754-4231
Cell: (248) 797-1198
Fax: (248) 754-4207
E-Mail: Garrett.Horton@vw.com

Thank you very much for all the support during the last couple years. I really enjoyed working with all of you.

I am grateful for the opportunities that I had with this position and I am looking forward to start a new project.

Best regards,

Sebastian Berenz

In-Use Emission Compliance Specialist
Engineering Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America

Phone: (248) 754-4211
Cell: (248) 736-3487
FAX: (248) 754-4207
E-Mail: Sebastian.berenz@vw.com

<http://www.volkswagen.com>

P Before you print it, think about your responsibility and commitment to the **ENVIRONMENT!**

To: Tobias.Glas@vw.com[Tobias.Glas@vw.com]
From: Sohacki, Lynn
Sent: Wed 2/6/2013 9:06:41 PM
Subject: Hello!

Hi, Tobias.

I look forward to working with you in EPA's in-use program. Please feel free to call me if you have any questions.

Regards,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

To: Sebastian.Berenz@vw.com[Sebastian.Berenz@vw.com]
From: Sohacki, Lynn
Sent: Mon 1/28/2013 8:48:31 PM
Subject: Test data for in-use vehicle Ex. 7
[S108RXX-0047.pdf](#)

Hi, Sebastian.

The data for the above vehicle is attached. Please give me a call if you have any questions.

Lynn Sohacki
Environmental Protection Agency
(734)214-4851
(734)214-4869 fax

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Tue 7/30/2013 4:54:13 PM
Subject: RE: Hello!

Hi Lynn !

I hope everything is well over there at EPA!

We are are close to finishing the IUVP programs, and my understanding is that I should send an email to you to state when we are done.

Please let me know who should get that email and what kind of information should be included.

Thank you !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki.Lynn@epamail.epa.gov [mailto:Sohacki.Lynn@epamail.epa.gov]

Sent: Wednesday, February 06, 2013 4:07 PM

To: Glas, Tobias

Subject: Hello!

Hi, Tobias.

I look forward to working with you in EPA's in-use program. Please feel free to call me if you have any questions.

Regards,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Wed 6/26/2013 5:42:28 PM
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hi Lynn !

I'll be back at the EPA this Friday. In case you have data or the little presentation for the Tiguan coast down testing ready please let me know.

If not it is no problem to come down there any other time.

Thanks !

Tobias Glas
In-Use Emission Compliance Specialist
Engineering & Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America

Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

-----Original Message-----

From: Rodgers, William (EEO)
Sent: Wednesday, June 26, 2013 1:38 PM
To: Mazaitis, Vincent (mazaitis.vincent@epa.gov)
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hello Vince,
Our resident Engineer Tobias Glas will attend the Audi testing scheduled for Friday. Please let us know what time the test is expected to start.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Wednesday, June 26, 2013 11:48 AM

To: Thomas, Richard (EEO); Giles, Michael (EEO); Rodgers, William (EEO); VWoA EEO Government
Subject: Confirmatory Test Date set

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Confirmatory Test Date has been set for the following vehicle :

Manufacturer: ADX

Vehicle ID: Ex. 4 - CBI

Vehicle Configuration: 0

The test date is 06/28/2013.

The Verify submission this message relates to has the following values:

Vehicle ID: Ex. 4 - CBI

Vehicle Configuration #: 0

Test Group Name: Ex. 4 - CBI

The following transaction identifier has been assigned to this request:

Ex. 4 - CBI

Please do not reply to this message.

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Fri 6/21/2013 1:17:35 PM
Subject: RE: Parameters Needed for Coastdown Testing

Hi Lynn !

It was good talking to you ! I read the AC 55B and that is what I understand when it comes to tolerances on the Road coefficients:

Ex. 4 - CBI

Please let me know if I understood that right.

Thanks and have a good weekend !

Tobias

From: Sohacki, Lynn [mailto:sohacki.lynn@epa.gov]
Sent: Friday, June 07, 2013 1:25 PM
To: Glas, Tobias
Subject: RE: Parameters Needed for Coastdown Testing

Hi, Tobias.

Thanks for the parameters. I will attach a copy of the official notification letter sent to Dennis Reineke.

The testing will take place between June 10 and 21 at Chrysler's Chelsea Proving Grounds in Chelsea, MI. We will be testing several makes and models of vehicles of which the Tiguan is one. I've received notification that this Tiguan has a cracked windshield and is awaiting a new one. Apparently, the dealership is having a hard time getting a replacement but we hope that the replacement will take place in time for us to test this vehicle. If not, I may need to ask you for parameters for another vehicle.

Have a nice weekend.

Lynn

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]
Sent: Friday, June 07, 2013 11:45 AM
To: Sohacki, Lynn
Subject: RE: Parameters Needed for Coastdown Testing

Hi Lynn !

Here are the data for the coast down test.

If you need any more information, please let me know.

Is it possible to get any more details about the testing (which cars, where etc.)?

Have a nice weekend !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [<mailto:sohacki.lynn@epa.gov>]

Sent: Tuesday, June 04, 2013 2:03 PM

To: Glas, Tobias

Subject: Parameters Needed for Coastdown Testing

Hi, Tobias.

EPA will be conducting some coastdown tests on a variety of vehicles over the next two weeks. A notification letter to VW is being prepared and a copy will be sent to you shortly. However, because the testing is scheduled to start next week I am sending a request for parameters in advance of the notification letter. I apologize for the late notice.

Please let me know if you have any questions.

Regards,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Wed 6/19/2013 5:52:07 PM
Subject: FW: VW Group - Audi Test Thursday 6/20

Hi Lynn !

I'll be there tomorrow at 8am and give you a call. I hope we can meet.

See you tomorrow!

Tobias

248 494 1537

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Wednesday, June 19, 2013 1:43 PM
To: Giles, Michael (EEO); Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory; Spieth, John
Subject: RE: VW Group - Audi Test Thursday 6/20

Hello Mike,

Sorry for getting back to you late!

I've arranged a lab tour tomorrow after 10:00 am. If you would have Tobias and Greg here by around 8:00 am for the start of the FTP that would be great. John Spieth will conduct the tour. He has a meeting early, that's why there is a delay for the tour.

If there are any questions or concerns, please contact me. I'll inform Security they will arrive about 8.

Thanks for your patience Mike!

Vince Mazaitis

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Wednesday, June 19, 2013 8:34 AM
To: Snyder, Jim; Mazaitis, Vincent
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: RE: VW Group - Audi Test Thursday 6/20

Hi Jim,

Any feedback from the lab about a tour for Thursday?

Thanks

Mike

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, June 13, 2013 10:42 AM
To: Giles, Michael (EEO); Mazaitis, Vincent
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: RE: VW Group - Audi Test Thursday 6/20

I'll talk to lab about arranging something.

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Thursday, June 13, 2013 10:32 AM
To: Mazaitis, Vincent; Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: VW Group - Audi Test Thursday 6/20

Hello Vince or Jim,

We have a new certification team employee, Greg Allen, who will come to EPA next week to witness the start of the SQ5 test on Thursday 6/20. Would you be able to arrange a lab tour similar to what we have done before? Tobias Glas may also be there so it would be a 2 at most for the tour.

Thanks,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Fri 6/7/2013 3:45:10 PM
Subject: RE: Parameters Needed for Coastdown Testing
Copy of VW Tiguan coastdown parameters form.xlsx

Hi Lynn !

Here are the data for the coast down test.

If you need any more information, please let me know.

Is it possible to get any more details about the testing (which cars, where etc.)?

Have a nice weekend !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [mailto:sohacki.lynn@epa.gov]
Sent: Tuesday, June 04, 2013 2:03 PM
To: Glas, Tobias
Subject: Parameters Needed for Coastdown Testing

Hi, Tobias.

EPA will be conducting some coastdown tests on a variety of vehicles over the next two weeks. A notification letter to VW is being prepared and a copy will be sent to you shortly. However, because the testing is scheduled to start next week I am sending a request for parameters in advance of the notification letter. I apologize for the late notice.

Please let me know if you have any questions.

Regards,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Mon 5/20/2013 2:51:42 PM
Subject: RE: Notificaiton of EPA In-use class S146

Hi Lynn !

Thank you for the information. Please keep me updated about the schedule of the program.

If you need any information do not hesitate to contact me.

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki, Lynn [mailto:sohacki.lynn@epa.gov]
Sent: Friday, May 17, 2013 4:41 PM
To: Glas, Tobias
Subject: Notificaiton of EPA In-use class S146

Hi, Tobias.

Attached is a copy of the letter sent to your company announcing the selection of class S146.
The estimated start date is the week ending June 28, 2013.

Please let me know if you have any questions.

Thanks,

Lynn Sohacki

Compliance Division

Environmental Protection Agency

734-214-4851

734-214-4869 fax

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Thur 4/4/2013 3:15:01 PM
Subject: RE: Hello

Hi Lynn !

I have a few questions about submitting CREE values for My 12. Should we handle that via Email or should I come over next week to meet you?

Let me know what is more convenient for you !

Thanks for your help !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki.Lynn@epamail.epa.gov [mailto:Sohacki.Lynn@epamail.epa.gov]
Sent: Wednesday, February 06, 2013 4:07 PM
To: Glas, Tobias
Subject: Hello!

Hi, Tobias.

I look forward to working with you in EPA's in-use program. Please feel free to call me if you have any questions.

Regards,

Lynn Sohacki
Environmental Protection Agency
734-214-4851
734-214-4869 (fax)

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Glas, Tobias
Sent: Tue 2/26/2013 4:10:29 PM
Subject: RE: Data for S108-0034

Thank you Lynn !

Tobias

From: Sohacki, Lynn [mailto:sohacki.lynn@epa.gov]
Sent: Monday, February 25, 2013 5:11 PM
To: Glas, Tobias
Subject: Data for S108-0034

Hi, Tobias.

Please find the data attached.

Thanks,

Lynn

To: Sohacki, Lynn[sohacki.lynn@epa.gov]; Berenz, Sebastian (EEO)[Sebastian.Berenz@vw.com]
From: Glas, Tobias
Sent: Mon 2/11/2013 6:04:10 PM
Subject: RE: Test data for in-use vehicle S108-0014

Hi Lynn !

Thanks for the data, so far everything looks good.

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Sohacki.Lynn@epamail.epa.gov [mailto:Sohacki.Lynn@epamail.epa.gov]
Sent: Monday, February 11, 2013 10:37 AM
To: Berenz, Sebastian (EEO); Glas, Tobias
Subject: Test data for in-use vehicle S108-0014

Hi.

The data for the above vehicle is attached. Please give me a call if you have any questions.

Lynn Sohacki
Environmental Protection Agency
(734)214-4851
(734)214-4869 fax

(See attached file: S108RXX-0014.pdf)

To: Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Berenz, Sebastian (EEO)
Sent: Mon 1/28/2013 10:01:02 PM
Subject: RE: Test data for in-use vehicle S108-0047

Thanks for the information.

Best regards,

Sebastian Berenz

Manager In-Use Emission Compliance

Engineering Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211
Cell: (248) 736-3487
FAX: (248) 754-4207
E-Mail: Sebastian.berenz@vw.com

<http://www.volkswagen.com>



Before you print it, think about your responsibility and commitment to the ENVIRONMENT!

From: Sohacki.Lynn@epamail.epa.gov [mailto:Sohacki.Lynn@epamail.epa.gov]
Sent: Monday, January 28, 2013 3:49 PM
To: Berenz, Sebastian (EEO)
Subject: Test data for in-use vehicle S108-0047

Hi, Sebastian.

The data for the above vehicle is attached. Please give me a call if you have any questions.

Lynn Sohacki
Environmental Protection Agency
(734)214-4851
(734)214-4869 fax

(See attached file: S108RXX-0047.pdf)

To: richard.thomas@vw.com[richard.thomas@vw.com]
From: Good, David
Sent: Thur 8/22/2013 8:08:55 PM
Subject: FW: re: 2014 FE Guide - Errors in EPA's database; on Aug 29, 2013 I will send error free Verify data to DOE for the 2014 Printed Guide & the web [your voicemail on Thurs 8/22]
VW Group 2014 FE Guide-all release dates-no-sales-8-15-2013.xlsx

Richard,

This is the dataset for you to review for the 2014 Printed Guide and a reminder to send me info about any “placeholders” needed for the Printed Guide (for 2014MY new technology, alt fuel & diesel vehicles which the Verify label values are not yet available).

Call me if you have questions.

Dave

From: Good, David
Sent: Monday, August 19, 2013 8:21 PM
To: 'richard.thomas@vw.com'
Cc: 'oliver.schmidt@vw.com'; Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's database; on Aug 29, 2013 I will send error free Verify data to DOE for the 2014 Printed Guide & the web

Richard,

re: 2014 FE Guide - Errors in EPA's database; on Aug 29, 2013 I will send error free Verify data to DOE for the 2014 Printed Guide & the web

Attached are the data in Verify as of August 15, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov or included in the 2014 Printed Guide.

I will send the data in Verify to DOE on August 29th for both the 2014 Printed Guide and to update www.fueleconomy.gov. The next normal posting of 2014 FE Label data on www.fueleconomy.gov will be on August 29, 2013 to coincide with the schedule for the 2014 Printed Guide.

Reminders:

- Please double check the attached data in Verify for errors, missing labels, etc.
- Please send me a short email when you think the 2014 FE Label data is "good to go."
- August 28, 2013 is the last day to make changes for the 2014 Printed Guide.
- If you enter new label data into Verify before Aug 29, 2013, please double check it carefully for accuracy.
- Don't forget to send me the placeholders for the 2014 Printed Guide in an Excel spreadsheet as soon as possible.

Regarding www.fueleconomy.gov, additionally on Sept 10, 2013, we will post 2014 FE Label data which are error-free in Verify as of August 28, 2013 and had a release date of August 30th thru Sept 10th, 2013. If you need an important 2014 FE Label posted on the web before the next posting, please send me an email message and I'll be glad to have it posted earlier.

Note that as a result of sequestration, Friday, August 30, 2013 is a required furlough day for all EPA employees and we will not be allowed to come to work on that day.

Please make any needed corrections to Verify when you get a chance.

Thanks

From: Good, David

Sent: Friday, August 09, 2013 1:49 PM

To: manufacturers' representatives responsible for 2014 FE Labels

Subject: 2014 EPA/DOE Printed FE Guide - Timing for the 2014 Printed Guide; please start emailing me placeholder information

To manufacturer representatives who handle 2014 FE Labels:

The EPA Guidance letter for the 2014 FE Printed Guide is a little late this year. It should be signed and posted on the web in a week or so.

Attached is the DRAFT schedule for including FE Label information in the 2014 Printed Guide. Also included in the attachment is some information about sending “placeholder” information to me for 2014 model year diesel, hybrid, electric, PHEV and alternative fueled vehicles (including FFVs) for which the final fuel economy values won’t be available by August 28, 2013. [Note: The page numbers in the attachment are not correct---it only has three pages.]

Please start emailing me the placeholder information in an Excel spreadsheet as soon as possible. [I don’t need placeholder information for 2014 vehicles which the FE Label information has already been entered in EPA’s Verify database (or will be entered before August 28, 2013).]

If you have questions about this message, please contact me at 734-214-4450 or by email.

Note that as a result of sequestration, Friday, August 30, 2013 is a required furlough day for all EPA employees and we will not be allowed to come to work on that day.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
From: Good, David
Sent: Wed 8/14/2013 7:53:56 PM
Subject: FW: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Richard,

I called **Ex. 6** and talked to him for quite a while. He was very pleasant to talk to---but is unhappy with his mileage. He gets 31.6 on the highway. He said he calculated it manually and also relies on the short term mileage value displayed on the instrument panel. He says you can't reset the long term mileage display on the instrument panel.

He said he received a coupon for \$500 from the President of VW, then purchased his vehicle, then he wrote to the President of VW to complain about his mileage. He thinks that the battery is undersized (the engine seems to come on more than it should) but drives moderately. He hasn't operated the air conditioner very much this summer. He said he has to push a button to get the vehicle to go into the E mode (economy mode) every time he drives the car.

The VIN is **Ex. 6**

Please have someone contact him and see if there is something you can do to improve his mileage.

Thanks

From: Jennifer France [mailto:France.Jennifer@epamail.epa.gov] **On Behalf Of** OTAQ@epa.gov
Sent: Friday, August 09, 2013 4:00 PM
To: Good, David
Cc: Wehrly, Linc
Subject: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Please note: we are cc'ing the Group Managers so that they are aware of the extra workload being assigned to staff.

Time Sensitive

Can you answer this person's question please? If so, please respond directly to the inquirer (with the original message intact) at [Ex. 6] -- and please cc "otag@epa.gov" so that I can close it out on our end.

We commit to responding to inquiries within **5** business days -- that will be **August 16th** for this one. Thank you!

📧 Tony Roberts ---08/09/2013 09:07:36 AM---Public Information Services Team U.S. EPA

From: Tony Roberts [Ex. 6]
To: OTAQ@EPA
Date: 08/09/2013 09:07 AM
Subject: Re: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Public Information Services Team
U.S. EPA
Office of Transportation and Air Quality
2000 Traverwood Drive
Ann Arbor, MI 48105-2195

Dear OTAQ@epa.gov,

Hello! I hope you people realize by what you report to the consumer has an everlasting effect on the consumer. If you do your job properly than the public can estimate their gas mileage based on your honest findings. Remember one thing gasoline and oil have put our great country the United States of America in a depression not recession like the politicians would like everyone to believe . We are far out of the deep hole that the politicians are trying to convince the public that we are out of. Also tell me which politician ever addressed the high cost, the burden of gasoline and oil that has emptied our pockets on the poor and middle class in this country? In reply to your letter I'm experiencing mileage that is exceptionally much lower than estimates of EPA or Volkswagen mileage that is listed on the window sticker 42/45/48. **Try 30.1 averages** which are unacceptable..... You state the fuel economy ratings is to provide consumers with estimates to use in comparing the gas mileage of different vehicles which I did and I could have leased or purchased a NON Hybrid for the same mileage car at a much lower price then I'm getting at this time from this hybrid. You also state it is not meant as a guarantee of the gas mileage each driver will achieve. Since no test can simulate all the possible conditions that affect fuel economy, such as climate, driver behavior, road condition, and car care habits, your actual mileage will always vary some from the estimates. **What do we need you people for then?** I know because after owning over 22 new cars your estimates are terrible but never have I owned a car or truck that is over 15 miles to the gallon off! You say controlled repeatable laboratory tests but this sounds unrealistic for the common consumer. You state fuel economy of new cars and trucks improve with mileage up to approximately 20,000 miles----it especially improves in the first 1,000-2,000 miles. In addition, the nature of current hybrid technology -- the addition of a battery as a second source of on-board power, sophisticated control systems, and sometimes a smaller engine -- makes a hybrid's fuel economy more sensitive to certain factors, such as colder weather and air conditioning use. **Can you tell me where it stated all this on the window sticker?** We are behind at least 50 years on this technology and you know the people that kept us behind! Remember this is our second Hybrid and we have friends that own hybrids also. **We drive to conserve and save money not race. We want to enjoy our lives not pay through the nose for everything we need.** Please don't tell me where to go to improve on gas mileage when I'm 58 years old and been driving since I was 15 years old. I'm that jack of all trades and have knowledge to what is going on in our world. Yes, I know how to save and this car with your ratings on it is way off base. I can't afford

this car at the mileage I'm not getting as stated not being even close to your so called findings. **Yes, I'm not satisfied with false information that is not consistent with a majority of the consumers use of a vehicle especially one that you people have been connected to.**

You still have not given me the person in charge or an address to write too. If you people have any creditability left I would like my reply ASAP!

Very concerned and dissatisfied with what is going on,

Ex. 6

Ex. 6

From: "OTAQ@epa.gov" <OTAQ@epa.gov>

To: Ex. 6

Sent: Thursday, August 8, 2013 2:40 PM

Subject: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Dear Ex. 6

Thank you for your inquiry. Vehicle manufacturers test their own vehicles following EPA's test procedures—usually pre-production prototypes—and report the results to EPA. EPA reviews the results and confirms about 10-15 percent of them through our own tests at the National Vehicle and Fuel Emissions Laboratory (www.epa.gov/nvfe/). If you are experiencing gas mileage that is lower than the fuel economy estimate on the window sticker, please keep in mind that the purpose of the fuel economy ratings is to provide consumers with estimates to use in comparing the gas mileage of different vehicles. It is not meant as a guarantee of the gas mileage each driver will achieve. Since no test can simulate all the possible conditions that affect fuel economy, such as climate, driver behavior, road condition, and car care habits, your actual mileage will always vary some from the estimates.

Fuel economy is measured under controlled conditions in a laboratory using a standardized test procedure specified by federal law. The fuel economy tests are based on a detailed driving cycle (each car is driven in exactly the same way, for exactly the same distance, with the same second-by-second vehicle speeds, to the maximum extent possible). The tests also are conducted under controlled conditions, using gasoline or diesel fuel that meet very detailed specifications. The goal of the laboratory testing is to control as many of the factors that affect fuel economy as possible, to the maximum degree that it is feasible to do so.

It is essential that EPA's fuel economy estimates continue to be derived from controlled, repeatable laboratory tests to enable a standardized or "level playing field," comparison between all vehicle models. Although EPA's fuel economy tests are designed to reflect typical driving conditions and driver behavior, several factors can significantly affect how many miles per gallon (mpg) your car gets: how and where you drive; vehicle condition and maintenance; fuel variations; vehicle variations; and engine break-in -- all of which are described on the following Web site: www.fueleconomy.gov/feg/factors.shtml. Because some vehicles are more sensitive to these factors than others, the impact of the changes will vary from vehicle to vehicle. Since your car is new, please keep in mind that the fuel economy of new cars and trucks improves with mileage up to approximately 20,000 miles—it especially improves in the first 1,000-2,000 miles. In addition, the nature of current hybrid technology -- the addition of a battery as a second source of on-board power, sophisticated control systems, and sometimes a smaller engine -- makes a hybrid's fuel economy more sensitive to certain factors, such as colder weather and air conditioning use.

Although EPA sets emission standards for pollutants that vehicle manufacturers have to meet, we do not set fuel economy standards for the vehicles currently on the market. Therefore, even if a vehicle does not achieve the EPA fuel economy rating, the manufacturers are not required to re-test or change the car for that specific model year. However, if a significant number of specific vehicle complaints are received, EPA has the option of performing confirmatory tests for the vehicle the following model year.

To find out what you can do to improve the fuel economy of your car, please visit the following web site: www.fueleconomy.gov/feg/drive.shtml. Driving efficiently and keeping your car in shape will make a difference. If your fuel economy is excessively low, your vehicle may need to be serviced or repaired. You may want to contact your dealer and ask them to check your vehicle and to determine that there are no outstanding defect reports or service bulletins which may affect fuel economy. The following are some of the diagnostic checks a mechanic will typically conduct for poor mpg:

- Perform "On-Board Diagnostic System Check" for diagnostic trouble codes (sensors or actuators which may be malfunctioning)
- Check for dragging brakes
- Check transmission shift patterns for slipping, use of all gears, lock-up operation
- Check ignition timing
- Check owner's driving habits including A/C usage, hard accelerations, carrying heavy loads
- Check emission control system
- Check vacuum hoses for leaks, kinks, proper routing
- Check tire pressure
- Check fuel type, quality, and alcohol content
- Check fuel pressure and fuel system for leaks
- Check air cleaner element
- Check coolant level
- Check ignition system for wet plugs, cracks, wear, improper gap, burned electrodes, or heavy deposits, cracking or improperly connected ignition wires
- Check for proper calibration of speedometer
- In extreme cases, there may be engine problems such as poor compression or faulty fuel injectors

If you are not satisfied with the outcome from the dealership, you can take your case to the Service Representative; the contact information should be listed in the owner's manual. Be sure to document your observations thoroughly.

We hope this information is helpful. Thank you for contacting the Office of Transportation and Air Quality.

Public Information Services Team
U.S. EPA
Office of Transportation and Air Quality
2000 Traverwood Drive
Ann Arbor, MI 48105-2195

From: Ex. 6
To: OTAQ@EPA
Date: 08/03/2013 10:47 AM
Subject: Your EPA Inquiry - (214104749) Ex. 6 - 2013 Volkswagen Jetta Hybrid -
OTAQ Web

Recipient
otaq@epa.gov

UserWord

apple

Word

apple

comments

I want the name of the top person in charge of testing these vehicles for mileage per gallon of gas?

email

Ex. 6

name

Ex. 6

org

ssubject

2013 Volkswagen Jetta Hybrid

WARNING NOTICE

This electronic mail originated from a federal government computer system of the United States Environmental Protection Agency (EPA). Unauthorized access or use of this EPA system may subject violators to criminal, civil and/or administrative action. For official purposes, law enforcement and other authorized personnel may monitor, record, read, copy and disclose all information which an EPA system processes. Any person's access or use, authorized and unauthorized, of this EPA system to send electronic mail constitutes consent to these terms.

To: richard.thomas@vw.com[richard.thomas@vw.com]
From: Good, David
Sent: Tue 8/13/2013 5:26:18 PM
Subject: FW: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid [Jennifer do you have any further history on this one?]

Richard,

This is all we have on the vehicle. Please wait until after I call him---before you contact him. I'll get his VIN and forward it to you.

Dave

From: France, Jennifer
Sent: Friday, August 09, 2013 6:21 PM
To: Good, David
Subject: RE: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid [Jennifer do you have any further history on this one?]

Hi Dave,

Yeah, I agree it's a tough one – that's why I sent it to you!! There are no other messages – his first message was the one asking for the manager. I wasn't even sure what his issue was, but I assumed it had to do with low fuel economy, so I sent him that standard response and hoped it would satisfy him, but it didn't obviously.

Ex. 5

The Environmental Protection Agency has launched an evaluation of whether the ways it tests gas mileage give realistic window-sticker ratings for advanced hybrid cars. The probe centers on a generation of hybrids capable of highway speeds on electric power alone. Chris Grundler, EPA's director of the Office of Transportation and Air Quality,

said he wants to be sure the EPA's testing procedures are keeping up with rapidly evolving auto technology. "This is a different type of hybrid, and we need to understand it," he told USA TODAY in an interview. The agency's action comes after *Consumer Reports* wrote that its gas mileage in real-world use of Ford's new C-Max crossover and Fusion sedan hybrids, 37 mpg and 39 overall, respectively, fell far short of their EPA ratings of 47 in mixed driving. The EPA's evaluation could result in changes in the labeling that EPA requires on cars' window stickers and in consumer information it offers on its website, said Grundle.

Ex. 5

Jennifer

From: Good, David

Sent: Friday, August 09, 2013 4:59 PM

To: France, Jennifer

Subject: FW: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid [Jennifer do you have any further history on this one?]

Jennifer,

This looks like a tough one.

Do you have any additional info about **Ex. 6** vehicle? It looks like there was a previous message (which I'm missing) before he requested the name of the top person in charge.

Thanks

Dave


From: Jennifer France [<mailto:France.Jennifer@epamail.epa.gov>] **On Behalf Of** OTAQ@epa.gov
Sent: Friday, August 09, 2013 4:00 PM
To: Good, David
Cc: Wehrly, Linc
Subject: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Please note: we are cc'ing the Group Managers so that they are aware of the extra workload being assigned to staff.

Time Sensitive

Can you answer this person's question please? If so, please respond directly to the inquirer (with the original message intact) at Ex. 6 --- and please cc "otag@epa.gov" so that I can close it out on our end.

We commit to responding to inquiries within **5 business days** -- that will be **August 16th** for this one. Thank you!

 Tony Roberts ---08/09/2013 09:07:36 AM---Public Information Services Team U.S. EPA

From: Tony Roberts Ex. 6
To: OTAQ@EPA
Date: 08/09/2013 09:07 AM
Subject: Re: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Public Information Services Team
U.S. EPA
Office of Transportation and Air Quality
2000 Traverwood Drive
Ann Arbor, MI 48105-2195
Dear OTAQ@epa.gov,

Hello! I hope you people realize by what you report to the consumer has an everlasting effect on the consumer. If you do your job properly than the public can estimate their gas mileage based on your honest findings. Remember one thing gasoline and oil have put our great country the United States of America in a depression not recession like the politicians would like everyone to believe . We are far out of the deep hole that the politicians are trying to convince the public that we are out of. Also tell me which politician ever addressed the high cost, the burden of gasoline and oil that has emptied our pockets on the poor and middle class in this country? In reply to your letter I'm experiencing mileage that is exceptionally much lower than estimates of EPA or Volkswagen mileage that is listed on the window sticker 42/45/48. **Try 30.1 averages** which are unacceptable..... You state the fuel economy ratings is to provide consumers with estimates to use in comparing the gas mileage of different vehicles which I did and I could have leased or purchased a NON Hybrid for the same mileage car at a much lower price then I'm getting at this time from this hybrid. You also state it is not meant as a guarantee of the gas mileage each driver will achieve. Since no test can simulate all the possible conditions that affect fuel economy, such as climate, driver behavior, road condition, and car care habits, your actual mileage will always vary

some from the estimates. **What do we need you people for then?** I know because after owning over 22 new cars your estimates are terrible but never have I owned a car or truck that is over 15 miles to the gallon off! You say controlled repeatable laboratory tests but this sounds unrealistic for the common consumer. You state fuel economy of new cars and trucks improve with mileage up to approximately 20,000 miles----it especially improves in the first 1,000-2,000 miles. In addition, the nature of current hybrid technology -- the addition of a battery as a second source of on-board power, sophisticated control systems, and sometimes a smaller engine -- makes a hybrid's fuel economy more sensitive to certain factors, such as colder weather and air conditioning use. **Can you tell me where it stated all this on the window sticker?** We are behind at least 50 years on this technology and you know the people that kept us behind! Remember this is our second Hybrid and we have friends that own hybrids also. **We drive to conserve and save money not race. We want to enjoy our lives not pay through the nose for everything we need.** Please don't tell me where to go to improve on gas mileage when I'm 58 years old and been driving since I was 15 years old. I'm that jack of all trades and have knowledge to what is going on in our world. Yes, I know how to save and this car with your ratings on it is way off base. I can't afford this car at the mileage I'm not getting as stated not being even close to your so called findings. **Yes, I'm not satisfied with false information that is not consistent with a majority of the consumers use of a vehicle especially one that you people have been connected to.**

You still have not given me the person in charge or an address to write too. If you people have any creditability left I would like my reply ASAP!

Very concerned and dissatisfied with what is going on,

Ex. 6

Ex. 6

From: "OTAQ@epa.gov" <OTAQ@epa.gov>

To: Ex. 6

Sent: Thursday, August 8, 2013 2:40 PM

Subject: Your EPA Inquiry - 2013 Volkswagen Jetta Hybrid

Dear Ex. 6

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you drive; vehicle condition and maintenance; fuel variations; vehicle variations; and engine break-in -- all of which are described on the following Web site: www.fueleconomy.gov/feg/factors.shtml. Because some vehicles are more sensitive to these factors than others, the impact of the changes will vary from vehicle to vehicle. Since your car is new, please keep in mind that the fuel economy of new cars and trucks improves with mileage up to approximately 20,000 miles---it especially improves in the first 1,000-2,000 miles. In addition, the nature of current hybrid technology -- the addition of a battery as a second source of on-board power, sophisticated control systems, and sometimes a smaller engine -- makes a hybrid's fuel economy more sensitive to certain factors, such as colder weather and air conditioning use.

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- Check ignition timing
- Check owner's driving habits including A/C usage, hard accelerations, carrying heavy loads
- Check emission control system
- Check vacuum hoses for leaks, kinks, proper routing
- Check tire pressure
- Check fuel type, quality, and alcohol content
- Check fuel pressure and fuel system for leaks
- Check air cleaner element
- Check coolant level
- Check ignition system for wet plugs, cracks, wear, improper gap, burned electrodes, or heavy deposits, cracking or improperly connected ignition wires
- Check for proper calibration of speedometer
- In extreme cases, there may be engine problems such as poor compression or faulty fuel injectors

If you are not satisfied with the outcome from the dealership, you can take your case to the Service Representative; the contact information should be listed in the owner's manual. Be sure to document your observations thoroughly.

We hope this information is helpful. Thank you for contacting the Office of Transportation and Air Quality.

Public Information Services Team
U.S. EPA
Office of Transportation and Air Quality
2000 Traverwood Drive

Ann Arbor, MI 48105-2195

From: [Ex. 6]
To: OTAQ@EPA
Date: 08/03/2013 10:47 AM
Subject: Your EPA Inquiry - (214104749) [Ex. 6] 2013 Volkswagen Jetta Hybrid -
OTAQ Web

Recipient

otaq@epa.gov

UserWord

apple

Word

apple

comments

I want the name of the top person in charge of testing these vehicles for mileage per gallon of gas?
email

[Ex. 6]

name

[Ex. 6]

org

ssubject

2013 Volkswagen Jetta Hybrid

WARNING NOTICE

This electronic mail originated from a federal government computer system of the United States Environmental Protection Agency (EPA). Unauthorized access or use of this EPA system may subject violators to criminal, civil and/or administrative action. For official purposes, law enforcement and other authorized personnel may monitor, record, read, copy and disclose all information which an EPA system processes. Any person's access or use, authorized and unauthorized, of this EPA system to send electronic mail constitutes consent to these terms.

To: richard.thomas@vw.com[richard.thomas@vw.com];
jyarrow@astonmartin.com[jyarrow@astonmartin.com];
thomas.hofmann@bmwna.com[thomas.hofmann@bmwna.com];
kachuen.wong@bmwna.com[kachuen.wong@bmwna.com]; j.foor@chrysler.com[j.foor@chrysler.com];
asw9@chrysler.com[asw9@chrysler.com]; Dave Barker[dba1@subaru.com];
elarue1@ford.com[elarue1@ford.com]; jcusuman@ford.com[jcusuman@ford.com];
doug.devries@gm.com[doug.devries@gm.com];
deborah.a.zielesch@gm.com[deborah.a.zielesch@gm.com];
laura.l.parker@gm.com[laura.l.parker@gm.com];
peter_meier@ahm.honda.com[peter_meier@ahm.honda.com];
Darin_Johnson@AHM.Honda.com[Darin_Johnson@AHM.Honda.com]; Tony
D'Ambrosi[adambrosi@hatci.com]; Simon (Seungwon) Shin[seungwon@hatci.com];
vvarjabe@jaguar.com[vvarjabe@jaguar.com];
vvarjabe@jaguarlandrover.com[vvarjabe@jaguarlandrover.com];
rseal3@jaguar.com[rseal3@jaguar.com];
kareen.toussagnon@daimler.com[kareen.toussagnon@daimler.com];
markus.loesch@daimler.com[markus.loesch@daimler.com];
roland.mulde@daimler.com[roland.mulde@daimler.com]; john.gantchar@na.mitsubishi-
motors.com[john.gantchar@na.mitsubishi-motors.com]; david.patterson@na.mitsubishi-
motors.com[david.patterson@na.mitsubishi-motors.com]; KhanF@NRD.NISSAN-
USA.COM[KhanF@NRD.NISSAN-USA.COM]; yamaday@ntcna.nissan-usa.com[yamaday@ntcna.nissan-
usa.com]; ross.gatzke@porsche.us[ross.gatzke@porsche.us];
luis.hernandez@suz.com[luis.hernandez@suz.com];
drobertson@mazdausa.com[drobertson@mazdausa.com];
nokawa@mazdausa.com[nokawa@mazdausa.com]; Masahiro
Konno[masahiro.konno@tema.toyota.com];
matthew.kevnick@tema.toyota.com[matthew.kevnick@tema.toyota.com];
gbuffali@volvocars.com[gbuffali@volvocars.com]; French, Roberts[french.roberts@epa.gov]; Wehrly,
Linc[wehrly.linc@epa.gov]; bstott@ferrariusa.com[bstott@ferrariusa.com];
snagaraj@teslamotors.com[snagaraj@teslamotors.com];
gvsm@worldnet.att.net[gvsm@worldnet.att.net];
ed.smallbone@mclaren.com[ed.smallbone@mclaren.com];
icawdron@lotuscars.com[icawdron@lotuscars.com]; peter.janosi@roush.com[peter.janosi@roush.com];
gavin.ge@byd.com[gavin.ge@byd.com]
From: Good, David
Sent: Fri 8/9/2013 5:48:51 PM
Subject: 2014 EPA/DOE Printed FE Guide - Timing for the 2014 Printed Guide; please start emailing
me placeholder information
[EPA 2014 Printed Guide-schedule-and-placeholder info-8-9-2013.pdf](#)

To manufacturer representatives who handle 2014 FE Labels:

The EPA Guidance letter for the 2014 FE Printed Guide is a little late this year. It should be signed and posted on the web in a week or so.

Attached is the DRAFT schedule for including FE Label information in the 2014 Printed Guide. Also included in the attachment is some information about sending “placeholder” information to me for 2014 model year diesel, hybrid, electric, PHEV and alternative fueled vehicles (including

FFVs) for which the final fuel economy values won't be available by August 28, 2013. [Note: The page numbers in the attachment are not correct---it only has three pages.]

Please start emailing me the placeholder information in an Excel spreadsheet as soon as possible. [I don't need placeholder information for 2014 vehicles which the FE Label information has already been entered in EPA's Verify database (or will be entered before August 28, 2013).]

If you have questions about this message, please contact me at 734-214-4450 or by email.

Note that as a result of sequestration, Friday, August 30, 2013 is a required furlough day for all EPA employees and we will not be allowed to come to work on that day.

Thanks

From: Good, David

Sent: Friday, July 19, 2013 3:17 PM

To: 'richard.thomas@vw.com'; 'jyarow@astonmartin.com'; 'thomas.hofmann@bmwna.com'; 'kachuen.wong@bmwna.com'; 'j.foor@chrysler.com'; 'asw9@chrysler.com'; 'Dave Barker'; 'elarue1@ford.com'; 'jcusuman@ford.com'; 'doug.devries@gm.com'; 'deborah.a.zielesch@gm.com'; 'laura.l.parker@gm.com'; 'peter_meier@ahm.honda.com'; 'Darin_Johnson@AHM.Honda.com'; Tony D'Ambrosi; 'Simon (Seungwon) Shin'; 'vvarjabe@jaguar.com'; 'vvarjabe@jaguarlandrover.com'; 'rseal3@jaguar.com'; 'kareen.toussagnon@daimler.com'; 'markus.loesch@daimler.com'; 'roland.mulde@daimler.com'; 'john.gantchar@na.mitsubishi-motors.com'; 'david.patterson@na.mitsubishi-motors.com'; 'KhanF@NRD.NISSAN-USA.COM'; 'yamaday@ntcna.nissan-usa.com'; 'ross.gatzke@porsche.us'; 'luis.hernandez@suz.com'; 'drobertson@mazdausa.com'; 'nokawa@mazdausa.com'; 'Masahiro Konno'; 'matthew.kevnick@tema.toyota.com'; 'gbuffali@volvocars.com'; French, Roberts; Wehrly, Linc

Subject: 2014 FE Guide - Timing for posting 2014 vehicles on www.fueleconomy.gov

To manufacturer representatives who handle 2014 FE Labels:

For the next few months, DOE & I will update www.fueleconomy.gov 4 times a month, instead of twice a month.

Here's my new plan:

1. I'll send DOE a complete 2014 dataset on the 1st and 15th of the month as usual (or a couple days later---depending on my days off, work load, etc). I'll also send DOE some "adds" on approx the 9th and 23rd of the month (depending on my work schedule, weekends etc.) The "adds" will be error free data from the previous query of Verify database (on the 1st or 15th of the month) which have the appropriate release dates. For example, on August 9th, I'll send DOE a file of 2014 FE labels with release dates from August 2nd to August 9th from the August 1st query of the Verify database. [I won't do a fresh query of the Verify database on August 9th.]

2. Also, if a manufacturer wants EPA/DOE to post 2014 FE labels on www.fueleconomy.gov on a certain date (e.g. to coincide with a manufacturer's press release), please send me an email request outlining what data to post (manufacturer name and Index numbers) and the date and time when you would like it posted. I can't handle a large volume of these requests----but I'll be glad to work with you on some special vehicle introductions. Please email your request to me 1-2 weeks or so before you would like it posted and try to make sure that there are no errors in Verify for the data to be posted. DOE and I will arrange to have the data posted fairly soon after the specified date & time.

No guarantee on these requests for special releases. I'll see how many requests I get, and let you know if I'm overwhelmed.

Please let me know if you have any questions (or suggestions) about this new plan.

Thanks

Dave

ENCLOSURE 3

Timetable for 2014 MY Printed Fuel Economy Guide

Task	Significant Dates	Responsible Party
1. Obtain an EPA Certificate which covers all model types to be included in the <u>Guide</u> .	August 15, 2013	Manufacturer
2. Enter general label fuel economy values and any other related information required by the <u>Guide</u> into EPA Verify database for all model types to be included in the <u>Guide</u> .	August 15, 2013	Manufacturer
3. Provide EPA “ placeholder ” descriptions and fuel economy values (as outlined in Enclosure 2) for alternative fuel vehicles which will not be available until later in the model year.	August 15, 2013	Manufacturer
4. Compile a list from Verify with all necessary information for model types to be included in the <u>Guide</u> for each manufacturer; send the list to an individual manufacturer for data accuracy review.	August 16, 2013	EPA
5. Complete review of all information provided in “4” above, make necessary corrections in the Verify database and notify EPA that the data in Verify is complete and accurate.	August 28, 2013	Manufacturer
6. Send the complete <u>Guide</u> information to DOE for printing.	August 30, 2013	EPA
7. EPA announces 2014 <u>Guide</u> via a Press Release	early October, 2013	EPA

Comparable Class Fuel Economy Ranges

Task	Significant Dates	Responsible Party
1. Release the comparable class fuel economy ranges to be used on fuel economy labels to the manufacturers.	August 30	EPA
2. Ranges are required on labels as of this date.	September 16	Manufacturer

EPA intends to include in the printed Guide, all available information which is submitted to EPA prior to August 29, 2013. August 28, 2013 is the last day for manufacturers to make changes to the EPA computer database.

3. Placeholders for New Technology and Alternative-Fueled Vehicles Which will be Available Later in the 2014 Model Year

If the city and highway fuel economy values and driving ranges will not be available by August 28, 2013, manufacturers should submit the information in the tables below with the fuel economy and driving ranges listed as “NA” (not available). Please include the manufacturer/division name, carline name, transmission type, engine displacement in liters, engine number of cylinders, vehicle class, interior volume for 2-door, 4-door, hatchback models, and the cargo volume (if applicable). Please don't send placeholder information for vehicles which are already in EPA's Verify database. The information should be emailed to Dave Good at good.david@epa.gov on or before the date listed in Enclosure 3.

To provide placeholder information for **fuel cell vehicles**, manufacturers should provide an Excel file with the following information, plus a short explanation of the availability of the vehicles, as follows:

Model Name	Veh. Class, Body type, Pass/Cargo Volume	Trans Type	Type of Fuel Cell	Motor Type & Power	Energy Storage Device and Rating	Fuel Type	Miles Per Kilogram		Driving Range (miles)
							City	Hwy	
AB	Compact 2dr – 91/12	Auto (A1)	PEM	100 kW-AC Induction	144 Volt Nickel Metal Hydride	Hydrogen	NA	NA	NA
CD	SUV	Auto CVT	PEM	100 kW-DC Brushless	244 Volt Lithium Ion	Hydrogen	NA	NA	NA

Availability:

AB Fuel Cell vehicles are initially available in California and Arizona only.

CD Fuel Cell vehicles will be available nationwide (initially for lease only) in the late fall of 2013.

Additional information may also be included if necessary to describe your vehicles.

To provide placeholder information for **electric vehicles**, manufacturers should provide an Excel file plus a short explanation of the availability of the vehicles, as follows:

Carline Name	Veh. Class, Body Type, Pass/Cargo Volume	Type of Battery	Trans Type	Motor Size Type	Energy Consumption (KW-hr/100mi)		Driving Range (miles)
					City	Hwy	
AB Electric	Large Cars 4dr-113/13	Lead-Acid	Auto (A1)	95 KW AC Induction	NA	NA	NA
AB Electric	Large Cars 4dr-113/13	Nickel-Metal Hydride	Auto (A2)	45 KW AC Induction	NA	NA	NA
CD Electric	Subcompact 2 dr-85/11	Lithium-Ion	Auto CVT	62 KW DC	NA	NA	NA

Availability:

AB Electric vehicles are initially available to the U.S. Postal Service in California and Arizona only.

CD Electric vehicles will be available nationwide (initially for lease only) in the late fall of 2013.

Additional information may also be included if necessary to describe your vehicles.

To provide placeholder information for **other alternative fueled vehicles**, manufacturers should provide an Excel file with the following information:

Model Name	Vehicle Class, Body Type Pass/Cargo	Trans Type	No. of cyl.	Engine	Fuel Type	Miles Per Gallon		Driving Range (miles)
						City	Hwy	
AA	Compact 4dr - 95/11	Auto(A5)	4	1.8L	Dedicated CNG	NA	NA	NA
BB	SUV-4WD	Auto(A4)	8	5.3L	E85	NA	NA	NA
					Gasoline	NA	NA	NA

To provide placeholder information for **plug-in hybrid electric vehicles (PHEVs)**, manufacturers should provide an Excel file with the information from both the electric vehicle table above and the “other alternative fueled vehicle” table above.

To: richard.thomas@vw.com[richard.thomas@vw.com];
jyarrow@astonmartin.com[jyarrow@astonmartin.com];
thomas.hofmann@bmwna.com[thomas.hofmann@bmwna.com];
kachuen.wong@bmwna.com[kachuen.wong@bmwna.com]; j.foor@chrysler.com[j.foor@chrysler.com];
asw9@chrysler.com[asw9@chrysler.com]; Dave Barker[dba1@subaru.com];
elarue1@ford.com[elarue1@ford.com]; jcusuman@ford.com[jcusuman@ford.com];
doug.devries@gm.com[doug.devries@gm.com];
deborah.a.zielesch@gm.com[deborah.a.zielesch@gm.com];
laura.l.parker@gm.com[laura.l.parker@gm.com];
peter_meier@ahm.honda.com[peter_meier@ahm.honda.com];
Darin_Johnson@AHM.Honda.com[Darin_Johnson@AHM.Honda.com]; Tony
D'Ambrosi[adambrosi@hatci.com]; Simon (Seungwon) Shin[seungwon@hatci.com];
vvarjabe@jaguar.com[vvarjabe@jaguar.com];
vvarjabe@jaguarlandrover.com[vvarjabe@jaguarlandrover.com];
rseal3@jaguar.com[rseal3@jaguar.com];
kareen.toussagnon@daimler.com[kareen.toussagnon@daimler.com];
markus.loesch@daimler.com[markus.loesch@daimler.com];
roland.mulde@daimler.com[roland.mulde@daimler.com]; john.gantchar@na.mitsubishi-
motors.com[john.gantchar@na.mitsubishi-motors.com]; david.patterson@na.mitsubishi-
motors.com[david.patterson@na.mitsubishi-motors.com]; KhanF@NRD.NISSAN-
USA.COM[KhanF@NRD.NISSAN-USA.COM]; yamaday@ntcna.nissan-usa.com[yamaday@ntcna.nissan-
usa.com]; ross.gatzke@porsche.us[ross.gatzke@porsche.us];
luis.hernandez@suz.com[luis.hernandez@suz.com];
drobertson@mazdausa.com[drobertson@mazdausa.com];
nokawa@mazdausa.com[nokawa@mazdausa.com]; Masahiro
Konno[masahiro.konno@tema.toyota.com];
matthew.kevnick@tema.toyota.com[matthew.kevnick@tema.toyota.com];
gbuffali@volvocars.com[gbuffali@volvocars.com]; French, Roberts[french.roberts@epa.gov]; Wehrly,
Linc[wehrly.linc@epa.gov]
From: Good, David
Sent: Fri 7/19/2013 7:16:40 PM
Subject: 2014 FE Guide - Timing for posting 2014 vehicles on www.fueleconomy.gov

To manufacturer representatives who handle 2014 FE Labels:

For the next few months, DOE & I will update www.fueleconomy.gov 4 times a month, instead of twice a month.

Here's my new plan:

1. I'll send DOE a complete 2014 dataset on the 1st and 15th of the month as usual (or a couple days later--depending on my days off, work load, etc). I'll also send DOE some "adds" on approx the 9th and 23rd of the month (depending on my work schedule, weekends etc.) The "adds" will be error free data from the previous query of Verify database (on the 1st or 15th of the month) which have the appropriate release dates. For example, on August 9th, I'll send DOE a file of 2014 FE labels with release dates from August 2nd to August 9th from the August 1st query of the Verify database. [I won't do a fresh query of the Verify database on August 9th.]

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No guarantee on these requests for special releases. I'll see how many requests I get, and let you know if I'm overwhelmed.

Please let me know if you have any questions (or suggestions) about this new plan.

Thanks

Dave

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Wed 7/3/2013 8:12:21 PM
Subject: RE: 2010 CAFE/GHG report - Question about 2010 Lamborghini Mercielago Revention Roadster models

Richard,

Thanks for this email.

Have a nice 4th.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Wednesday, July 03, 2013 12:52 PM
To: Good, David
Cc: Kata, Leonard (EEO)
Subject: RE: 2010 CAFE/GHG report - Question about 2010 Lamborghini Mercielago Revention Roadster models

Hello Dave;

Ex. 4 - CBI

If you have further questions, please call me.

Thanks,

Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

From: Good, David [<mailto:good.david@epa.gov>]

Sent: Wednesday, July 03, 2013 9:47 AM

To: Thomas, Richard (EEO)

Subject: FW: 2010 CAFE/GHG report - Question about 2010 Lamborghini Mercielago Revention Coupe & Roadster models

Richard,

Thanks for your explanation about the sales of the 2010 Lamborghini Mercielago Revention Coupe & Roadster models.

Please send me a short email explanation (for the record), when you get a chance.

Thanks

From: Good, David
Sent: Thursday, June 20, 2013 6:41 PM
To: 'Thomas, Richard (EEO)'
Subject: RE: 2010 CAFE/GHG report - Question about 2010 Lamborghini Mercielago Revention Roadster models

Richard,

Here's another one.

I show that you labeled a 2010 Lamborghini Mercielago Revention Roadster (6.5L Auto AM6 trans); index 81---however we couldn't find that vehicle in VW's 2010 CAFE.

Please check and let me know if any of these were sold in the U.S.

Ex. 4 - CBI

When you get a chance, please let me know.

Thanks

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Wednesday, June 19, 2013 1:45 PM
To: Good, David
Subject: RE: 2012 CAFE/GHG report - Question about 2012 Bentley Continental Supersports model

Importance: High

Hi Dave;

Ex. 4 - CBI

One question for you today, do you think the two test groups Jim passed up for signature will be signed today? I have about nine or ten fuel economy labels associated with those test groups and I would like to get submit into Verify as I still have over two dozen total labels for 2014 to do yet. Is it Linc that has these certificates now?

Thanks,

Richard

From: Good, David [<mailto:good.david@epa.gov>]

Sent: Wednesday, June 19, 2013 1:32 PM

To: Thomas, Richard (EEO)

Subject: 2012 CAFE/GHG report - Question about 2012 Bentley Continental Supersports model

Richard,

Re: 2012 CAFE/GHG report - Question about 2012 Bentley Continental Supersports model

I'm working on the 2012 gas guzzlers.

Ex. 4 - CBI

I this a mistake in the CAFE/GHG data input or were there no sales of this model?

Thanks

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Thur 6/27/2013 7:25:52 PM
Subject: RE: 2014 Volkswagen and Audi Fuel Economy
VW Group 2014 FEGuide-all rel dates-no-sales-6-27-2013.xlsx

Richard,

Here you go.

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, June 27, 2013 1:43 PM
To: Good, David
Subject: 2014 Volkswagen and Audi Fuel Economy

Hi Dave;

I was just wondering if you sent the fuel economy audit report we spoke about this morning. If you did, then I didn't get it. Wondering if our security system is dumping it somewhere due to the attachment; but normally I would still get the written text minus the attached file.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Thur 6/27/2013 7:13:10 PM
Subject: RE: 2014 Volkswagen and Audi Fuel Economy

Richard,

Sorry---I've been in a couple meetings. I'll send you something in 15 minutes.

Dave

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, June 27, 2013 1:43 PM
To: Good, David
Subject: 2014 Volkswagen and Audi Fuel Economy

Hi Dave;

I was just wondering if you sent the fuel economy audit report we spoke about this morning. If you did, then I didn't get it. Wondering if our security system is dumping it somewhere due to the attachment; but normally I would still get the written text minus the attached file.

Thanks,

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Richard E. Thomas
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3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207

Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Thur 6/27/2013 1:04:28 PM
Subject: RE: 2013 FE Guide - There are no 2013 labels in Verify for the Audi R8 models but there are 2014 R8s in Verify - [Thanks] NNT0

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, June 27, 2013 6:56 AM
To: Good, David
Cc: Snyder, Jim
Subject: RE: 2013 FE Guide - There are no 2013 labels in Verify for the Audi R8 models but there are 2014 R8s in Verify

Hi Dave;

Ex. 4 - CBI

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, June 26, 2013 5:13 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: 2013 FE Guide - There are no 2013 labels in Verify for the Audi R8 models but there are 2014 R8s in Verify

Richard,

I'm working on 2013 gas guzzlers.

I couldn't find any 2013 R8s in the FE Label module Verify. Also I didn't see any 2013 certificates covering R8 models. There are 2012 & 2014 R8s in Verify.

Did Audi build any 2013 model year R8s or R8 Spyder models for the U.S.?

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
From: Good, David
Sent: Wed 6/26/2013 5:22:28 PM
Subject: FW: 2014 FE Guide - data in Verify as of 6/25/2013 9:30AM
VW Group 2014 FE Guide-all rel dates-no-sales-6-25-2013.xlsx

Richard,

I sent the data at 9:30 yesterday.

Let me know if you receive this one.

Dave

From: Good, David
Sent: Tuesday, June 25, 2013 10:58 AM
To: 'richard.thomas@vw.com'
Subject: 2014 FE Guide - data in Verify as of 6/25/2013 9:30AM

Richard,

Here you go.

Dave

Final Greenhouse Gas Rule 75 FR 25324 (May 7, 2010)

DRAFT Summary of CREE Rounding - (ASTM Rounding)

- Regulations Take Precedence

D. Good 7/21/2010, rev 1/13/2011, 1/9/2013

DRAFT - CREE/OCREE Calculations using city & hwy “Super DFs”

Test Data – round city/hwy to nearest whole gpm:

600.113(g) & 600.206(a)(1) Round City & Hwy CREE/OCREE to nearest whole gpm value

1. Although CREE/OCREE includes deterioration factors (DFs) (or aged components) per

600.113(g)(2)(ii) & (g)(2)(iv)(3), do not apply DFs to each constituent

- Round HC to nearest 0.001
 - Round CO to nearest 0.01 gpm
 - Round CO₂ to nearest whole number
 - Round NMHC to nearest 0.0001 gpm
 - Round N₂O to nearest 0.0001 gpm
 - Round CH₄ to nearest 0.0001 gpm
 - Round CH₃OH, C₂H₅OH, C₂H₄O, HCHO to nearest 0.0001 gpm
2. Store the sum of the CREE/OCREE constituent values (rounded as above) at the test level
- For OCREE, include the 298 N₂O factor and the 25 CH₄ factor
3. Using the Super DFs, calculate the 120K CREE/OCREE levels (used for the certification level of a test group and the final model year report) as follows:
- Round the sum of the CREE/OCREE constituents (from step 2) to nearest whole number.
 - Apply city Super DF to the city CREE/OCREE test result and the hwy Super DF to the hwy CREE/OCREE test result.
 - Note: Normally, one “Super DF” would be used for both city and hwy tests, however in some cases, manufacturers may want to use separate city & hwy DFs
 - After applying Super DFs, round the resultant CREE/OCREE test results to nearest whole number

How to Determine Super DFs:

- Additive City Super DFs - Manufacturers would determine DFs normally for each durability group (per 86.1823-08(a) thru (l)) for all CREE/OCREE constituents except CO₂. For CO₂, manufacturers could use a zero DF per 86.1823-08(m)(1) or an alternative DF per 86.1823-08(m)(1)(iii) or (iv). Additive CREE/OCREE Super DFs would be the sum of the individual constituent DFs using the following equation for gasoline vehicles:

$$CREE_{DF} = [(CWF/0.273) \times NMHC_{DF} + 1.571 \times CO_{DF} + CO_{2DF}]$$

Round the final CREE/OCREE Super DF to the nearest 0.1 grams/mile similar to 86.1823-08(f)(1)(ii)(B). Additive CREE/OCREE Super DFs less than zero would be changed to zero, similar to 86.1823-08(f)(1)(ii)(B).

- Additive Highway Super DFs - Manufacturers would determine hwy Super DFs for each durability group similar to additive City Super DFs, as outlined above. The provisions of 86.1823-08(m)(3) allow manufacturers the option of using the applicable city Super DF for highway tests (in lieu of determining separate highway Super DF for CREE/OCREE).
- Multiplicative City Super DFs - Same as above for Additive City Super DFs, except that the following equation should be used:

$$CREE_{DF} = CREE_{120K \text{ emissions}} / CREE_{4K \text{ emissions}}$$

Again, for CO₂, manufacturers should mathematically adjust the durability data so that CO₂ uses a 1.0 DF per 86.1823-08(m)(1) or an alternative DF per 86.1823-08(m)(1)(iii) or (iv). For example, manufacturers should calculate the CREE/OCREE DFs using the 4,000 mile CO₂ emission value for both the 4,000 and 120,000 mile data points (mathematically assigning no deterioration to CO₂ emissions). Multiplicative CREE/OCREE Super DFs should be rounded to three decimal places similar to 86.1823-08(f)(1)(ii)(A). Multiplicative CREE/OCREE Super DFs less than one would be changed to one, similar to 86.1823-08(f)(1)(ii)(B).

- Multiplicative Highway Super DFs – Manufacturers would determine hwy Super DFs for each durability group as outlined above for multiplicative City Super DFs. The provisions of 86.1823-08(m)(3) allow manufacturers the option of using the applicable city Super DF for highway tests (in lieu of determining separate highway Super DF for CREE/OCREE).
- Assigned DFs for Small Volume Manufacturers and Small Volume Test Groups – Similar to the requirements outlined in 40 CFR 86.1826-01 and 86.1838-01 small volume manufacturers can use assigned Super DFs for CREE/OCREE city and highway tests. EPA will determine the appropriate city and highway Super DFs by guidance letter. Super DFs could be mathematically determined from the DFs provided in CCD-05-10 for NMHC/NMOG, CO and HCHO (and assuming emission levels in compliance with the 2012 emission standards). Note that CCD-05-10 provides only multiplicative assigned DFs.

Subconfiguration - round city/hwy to nearest 0.1 gpm:

600.206(a)(2)(ii) Arithmetically average multiple tests and round City & Hwy CREE to nearest 0.1 gpm

- If only one city or one hwy test, CREE is rounded to nearest whole gpm value

Configuration - round city/hwy to nearest 0.1 gpm:

600.206(a)(2)(iii) Sales weight subconfiguration City & Hwy CREE values determined above & round product to nearest 0.1 gpm.

- Determine subconfiguration sales fraction to nearest 0.0001

Configurations for Fleet Ave CREE calcs - round combined CREE to nearest 0.1 gpm:

600.206(a)(3)(ii) Arithmetically average (55/45) City & Hwy CREE values determined above & round combined CREE product to nearest 0.1 gpm

Base Level - round combined CREE to nearest 0.1 gpm:

600.208(a)(4)(ii) Sales weight configuration city/hwy/combined CREE values determined above & round city/hwy/combined product to nearest whole gpm value [EPA proposed in the FE Label rule to revise 600.208(a)(4)(ii) to require rounding to the nearest 0.1 gpm]

- Determine configuration sales fraction to nearest 0.0001

Model Type - round combined CREE to nearest whole gpm:

600.208(b)(3)(ii), (b)(4) and 600.510(b)(2)(v) Sales weight base level city/hwy/combined CREE values determined above & round city/hwy/combined CREE product to nearest gpm value

- Determine base level sales fraction to nearest 0.0001

Corporate Average CREE - round combined CREE to nearest whole gpm:

600.510 (a)(2), (b)(2), (j) Sales weight model type combined CREE values determined above & round combined CREE product to the nearest whole gpm value.

- Actual production data are used for each model type instead of sales fraction

Notes: (1) Sales means “produced and delivered for sale;” ref. 86.1865-12(i)(1)
(2) To prevent rounding errors, if only one city or highway test is used for several subconfigurations, the combined results of the sales-weighted configuration, base level and model type calculations must equal the tested city and highway CREE values.

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Good, David
Sent: Wed 4/24/2013 1:07:36 PM
Subject: RE: Should the 2013 Audi R8 be in the FE Label database? [Thanks] NNT0

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Wednesday, April 24, 2013 8:15 AM
To: Good, David
Subject: RE: Should the 2013 Audi R8 be in the FE Label database?

Hi Dave;

There were no 2013 model year Audi R8 models, with neither the 4.2L nor 5.2L engine, and therefore not in the fuel economy guide. If you have further questions, please call.

Best regards,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Tuesday, April 23, 2013 3:28 PM
To: Thomas, Richard (EEO)
Subject: Should the 2013 Audi R8 be in the FE Label database?

Richard,

Someone from the web said it was missing from www.fueleconomy.gov.

Please advise.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: leonard.kata@vw.com[leonard.kata@vw.com]; Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]
From: Good, David
Sent: Thur 4/11/2013 5:55:58 PM
Subject: FW: 2012 Volkswagen Group Final CAFE Reports - See A/C 6B for some guidance on the convertibles

Richard,

For the 2012 Convertibles, see A/C 6B, paragraphs F.3. and G.

Call me if questions.

Dave

From: Peavyhouse, Robert
Sent: Thursday, April 11, 2013 1:24 PM
To: Good, David
Subject: FW: 2012 Volkswagen Group Final CAFE Reports

From: Peavyhouse, Robert
Sent: Thursday, April 11, 2013 11:17 AM
To: 'Thomas, Richard (EEO)'
Subject: RE: 2012 Volkswagen Group Final CAFE Reports

I will no longer be doing any calculations apart from the ones provided by Verify. If there is a discrepancy on a particular model type that you can't figure out, let me know and I can run that one specifically.

There is only 1 passenger vehicle submission allowed. It must contain domestic and import.

There is a reporting discrepancy with the “small 2WD SUV’s under 6000 pounds”. At the time of the footprint submission, it is just a “Small 2WD SUV”. We don’t know what the weight is, so we don’t know if it will end up being a car or a truck. <6000 = car, >6000 = truck. So we calculate the target FE and GHG based on the fact that it is a truck.

If you submit it in a car CAFE submission, we re-calculate the target FE and GHG using the car coefficients. The value used in the reformed standard and GHG standard will be the correct value, but the value on the report will still be the truck value. We are looking for a way to fix this right now.

Ex. 4 - CBI

do that is to label them. That is the only place a model type is defined.

What part of the Verify is looking for 2013 and later?

Robert Peavyhouse
Compliance Division
U.S. EPA - Office of Transportation and Air Quality
phone: (734) 214-4814
email: peavyhouse.robert@epa.gov

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Thursday, April 11, 2013 10:17 AM
To: Peavyhouse, Robert
Cc: Good, David; Kata, Leonard (EEO)
Subject: 2012 Volkswagen Group Final CAFE Reports
Importance: High

Hi Bob;

I have successfully entered the Volkswagen Group (VWGoA) 2012 Light-Duty Truck CAFE

into Verify earlier this week. Will you be running an audit of this report or was that already performed by the attached Verify report I received a short time after I entered the report?

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

VWGoA has been granted an extension for the CAFE and GHG reports to the end of this month, so your prompt reply would be appreciated. I can assume that we will have many exchanges due to the number of brands we have in the VWGoA Passenger Car reports. Again, thanks for your support.

Best regards,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Good, David
Sent: Thur 3/21/2013 3:19:28 PM
Subject: RE: Extension for 2012 CAFE and GHG Final Reporting

Richard,

Please provide some basis for your request. Why do you need the extension and why do you think you will be able to submit all the data to Verify and a GHG/CAFE model year report (letter) by June 1st?

Thanks

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, March 21, 2013 10:23 AM
To: Good, David
Cc: Kata, Leonard (EEO)
Subject: Extension for 2012 CAFE and GHG Final Reporting

Hello Dave;

We would like to request a two month reporting extension for the 2012 Final Volkswagen Group CAFE and GHG reports and its reporting deadline of the March 31st 2013, to the end of May 2013. The 2012 Volkswagen Group consists of the following brands: Volkswagen, Audi, Bentley, Lamborghini and Bugatti.

Best regards,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

From: Snyder, Jim
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: FW: Volkswagen teleconference on BEV and PHEVs
Start Date/Time: Wed 11/20/2013 2:00:00 PM
End Date/Time: Wed 11/20/2013 3:30:00 PM

-----Original Appointment-----

From: Snyder, Jim
Sent: Thursday, November 14, 2013 12:08 PM
To: Snyder, Jim; Ott, William; Dalton, Joel; Wright, DavidA; Leonard.Kata@vw.com
Cc: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom
Subject: Volkswagen teleconference on BEV and PHEVs
When: Wednesday, November 20, 2013 9:00 AM-10:30 AM (GMT-05:00) Eastern Time (US & Canada).
Where: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE

For those interested. Phone conference with VW and Audi. Presentation on VW BEV and discuss Audi PHEV testing.

.A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- * e-Golf Presentation
- * PHEV Test Procedures

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 7/11/2013 5:50:57 PM
Subject: RE: VW Group - Certificates pending

We had a submission failure for the Bentley. It was resubmitted correctly so you should see it now. Thanks for the heads up.

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, July 11, 2013 12:20 PM
To: Rodgers, William (EEO)
Subject: RE: VW Group - Certificates pending

I don't see anything in Verify regarding the Bentley. The other two are there. I'm in phone conference all day today but tomorrow looks pretty open.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Thursday, July 11, 2013 9:08 AM
To: Snyder, Jim
Cc: Allen, Gregory; Giles, Michael (EEO)
Subject: VW Group - Certificates pending

Hello Jim,

Just to be sure we are on the same page, I show pending Certificates for the following:

VW test group

EVWXV01.4PHE – highest priority with SOP this week.

Audi test group

EADXV02.03PA – SOP week 32, Aug 12th

Bentley test group

EBEXV06.84LA - SOP week 34, August 19th

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Petersen, Pete[petersen.pete@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 7/11/2013 5:21:50 PM
Subject: RE: Submitter Request - Mfr. Code VGA

Hello Pete,

I wanted to confirm that you received the Fed Ex package we sent to you regarding the following Submitter request. It was signed for by a C. Dale on July 3rd. Also let me know what the status is. Thanks.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Rodgers, William (EEO)
Sent: Monday, July 01, 2013 3:39 PM
To: 'Petersen, Pete'
Cc: 'Jim Snyder' (Snyder.Jim@epamail.epa.gov)
Subject: Submitter Request - Mfr. Code VGA

Hello Pete,

I am sending you the submitter authorization request forms for myself under the newly consolidated CDX/Verify manufacturer code "VGA" for Volkswagen Group of America, Inc. I have also put the originals in a FedEx package to your attention. Please let me know if there are any questions or concerns about establishing the indicated system authorizations. Once my authorizations are established and tested I will be adding other employee names to the list of submitters.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Petersen, Pete [<mailto:petersen.pete@epa.gov>]

Sent: Monday, May 20, 2013 10:19 AM

To: Rodgers, William (EEO)

Subject: Mfr. Code VGA

Your company information has been successfully entered in the VERIFY system. The Mfr. Code VGA has been assigned.

This Code does NOT imply EPA emissions approval and may not be used to import vehicles or engines into the U.S.A., or to release impounded vehicles.

Also, please be aware that the process to obtain a CDX Users Account, in order to submit Certification data, has changed dramatically. You will find instructions at www.epa.gov/otaq/verify/setup.htm . I will attach a handy check-list that will help you in submitting all required documents as well as a copy of the Guidance Letter sent to manufacturers.

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Thur 7/11/2013 1:07:40 PM
Subject: VW Group - Certificates pending

Hello Jim,

Just to be sure we are on the same page, I show pending Certificates for the following:

VW test group

EVWXV01.4PHE – highest priority with SOP this week.

Audi test group

EADXV02.03PA – SOP week 32, Aug 12th

Bentley test group

EBEXV06.84LA - SOP week 34, August 19th

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 7/10/2013 3:09:47 PM
Subject: Audi SQ5 retest - VID E3UF-SQ5

Hello Jim,

Just as a follow up to my phone message, we would like to request that the Audi SQ5 be placed on a battery charger over the weekend and until the start of the test to prevent discharging due to the ignition key being left in the car.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Tue 7/9/2013 10:14:47 AM
Subject: Audi SQ5 (E3UF-SQ5) FTP retest

Hi Jim;

Thanks for the voice message you left yesterday. If it makes any difference to the lab and you have to set priorities; the first FTP was conducted on June 20th along with the highway and US06. The lab voided the FTP and the next scheduled retest was conducted on Friday June 28th. This Thursday or Friday will work fine if you can get it in. I still have to complete a fuel economy label for this model of which our marketing folks hope to release the week of June 22nd.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Giles, Michael (EEO)
Sent: Mon 7/8/2013 12:59:53 PM
Subject: MY14 FE Data

Hello Jim,

We were looking for some MY 14 fuel economy data. In the FE data link below, we could only find MY13, last updated March 2013. Could you let us know when MY14 results might be available?

<http://www.epa.gov/otaq/tcldata.htm>

Also do you know if that list is typically updated quarterly?

Thanks,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Wright, DavidA[Wright.DavidA@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Rhodes, Brian (EEO)[Brian.Rhodes@vw.com]
From: Giles, Michael (EEO)
Sent: Wed 7/3/2013 1:52:43 PM
Subject: RE: VW Group Re-test for Audi SQ5

Thanks David, we will follow up Monday.

-----Original Message-----

From: Wright, DavidA [mailto:Wright.DavidA@epa.gov]
Sent: Wednesday, July 03, 2013 9:48 AM
To: Giles, Michael (EEO); Snyder, Jim
Cc: Rodgers, William (EEO); Thomas, Richard (EEO); Kata, Leonard (EEO); Glas, Tobias
Subject: RE: VW Group Re-test for Audi SQ5

Michael,

I have requested a re-test for Audi SQ5. The laboratory will be closed for the 4th of July holiday until Monday, July 8th. I expect the vehicle will be scheduled for testing sometime early next week.

Feel free to contact myself or Jim Snyder if you have any other questions. Today is my last day in the office until Monday, July 8th. Jim will also be back in the office on Monday, July 8th.

Regards,

David A. Wright
Light-Duty Vehicle Center, Compliance Division National Vehicle and Fuel Emissions Laboratory
Phone: (734) 214-4467
E-mail: wright.davida@epa.gov

-----Original Message-----

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Wednesday, July 03, 2013 8:17 AM
To: Wright, DavidA; Snyder, Jim
Cc: Rodgers, William (EEO); Thomas, Richard (EEO); Kata, Leonard (EEO); Glas, Tobias
Subject: VW Group Re-test for Audi SQ5

Hello David and Jim,

We are requesting a re-test for the FTP for the Audi SQ5, as allowed due to the FE difference of > 3%.

Our timing is very tight, so we would appreciate a re-test as early as possible. Please advise.

Thanks,
Mike

-----Original Message-----

From: Wright, DavidA [mailto:Wright.DavidA@epa.gov]
Sent: Tuesday, July 02, 2013 4:03 PM
To: Giles, Michael (EEO)
Cc: Snyder, Jim
Subject: FW: Verify Test Results Report

Hot off the Verify press.

-----Original Message-----

From: VerifyAdministrator@verifyprod.rtpnc.epa.gov
[mailto:VerifyAdministrator@verifyprod.rtpnc.epa.gov]
Sent: Tuesday, July 02, 2013 4:01 PM
To: Wright, DavidA; Snyder, Jim; Haynes, Ben; Pulaganti, Uday; Bochenek, David;
Subject: Verify Test Results Report

Ex. 6

PLEASE DO NOT REPLY TO THIS EMAIL!

The Verify Test Results Report has been generated for the following vehicle and test:

Manufacturer: ADX
Vehicle ID: E3UF-SQ5
Vehicle Configuration: 0
Test Number: EADX91001845

Click on the link below to see the details in Verify.

<https://verifyprod.rtpnc.epa.gov/verify-web/cft/ld/testInfoUpdateRetrieve.do?testDatasetId=45866>

To: Snyder, Jim[Snyder.Jim@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]
From: Giles, Michael (EEO)
Sent: Tue 7/2/2013 7:26:16 PM
Subject: FW: Missing an FTP test (HLP-4164)

From: Giles, Michael (EEO)
Sent: Tuesday, July 02, 2013 3:26 PM
To: 'Verify Help Desk'; Rodgers, William (EEO)
Cc: Allen, Gregory; Thomas, Richard (EEO) (Richard.Thomas@vw.com)
Subject: RE: Missing an FTP test (HLP-4164)

Thanks **Ex. 6** It looks like the last FTP has not made it into VERIFY yet.

@ David or Jim, could you check the status for us? Earlier, David gave us a reference number for the FTP: #2013-0217-010

Thanks,

Mike

From: **Ex. 6** **On Behalf Of** Verify Help Desk
Sent: Tuesday, July 02, 2013 3:17 PM
To: Rodgers, William (EEO)
Cc: Allen, Gregory; Giles, Michael (EEO)
Subject: Re: Missing an FTP test (HLP-4164)

Hello Mr. Rodgers,

I only see the following EPA tests in the system for vehicle E3UF-SQ5 / 0 :

EADX91001828
EADX91001829

EADX91001844

You may want to contact your EPA Cert Rep regarding the EPA FTP test.

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

"Rodgers, William (EEO)" ---07/02/2013 12:10:25 PM---"Rodgers, William (EEO)"
<William.Rodgers@vw.com>

"Rodgers, William (EEO)"
<William.Rodgers@vw.com>

07/02/2013 12:10 PM Verify Help Desk@CSC

cc:Giles, Michael (EEO)" <michael.giles@vw.com>, "Allen, Gregory" <Gregory.Allen@vw.com>

Subject: an FTP test

Ex. 6

The last test listed (1844) hit my inbox but we are missing an FTP test that should have been input by Ann Arbor but I'm not sure if they did.

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

The status of your submission is shown below:

- Submission

- Document Name: [LightDutyDecisionInformationSubmission.xml](#)
- Transaction Id: [_e159509e-01a7-4499-8a2c-fee7e6f38be9](#)
- Date Originally Submitted: 05/14/2013

- Status History

Date	Status	Description
Tue 05/14/2013 10:46 AM	Completed	<p>Your recent Decision Information submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p> <p>The following is a summary of the processing report:</p> <p>Total Datasets Submitted: 1 Accepted Datasets: 1 Rejected Datasets: 0</p>
Wed 05/15/2013 10:03 AM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Wed 05/15/2013 11:03 AM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Wed 05/15/2013 12:03 PM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Wed 05/15/2013 1:03 PM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Thu 06/20/2013 4:19 PM	Completed	<p>EPA has completed Test Number EADX91001828 on Vehicle E3UF-SQ5 / 0. The Test Results report can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p>
Thu 06/20/2013 4:20 PM	Completed	<p>EPA has completed Test Number EADX91001829 on Vehicle E3UF-SQ5 / 0. The Test Results report can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p>
Mon 06/24/2013	Completed	<p>A Retest has been requested for the following vehicle : Manufacturer:</p>

7:56 AM ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0
Wed Confirmatory Test Date has been set for the following vehicle :
06/26/2013 Completed Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The
11:48 AM test date is 06/28/2013.
Mon EPA has completed Test Number EADX91001844 on Vehicle E3UF-SQ5
07/01/2013 Completed /0. The Test Results report can be found on the status history page. The
10:48 PM status history page can be reached by clicking on the link near the bottom
of this Inbox message.

-

- Returned Documents

- ☐ [SubmissionProcessingReport.xml](#)
- ☐ [VerifyTestResultReport_EADX91001828_r1.xml](#)
- ☐ [VerifyTestResultReport_EADX91001829_r1.xml](#)
- ☐ [VerifyTestResultReport_EADX91001844_r1.xml](#)

To: Wright, DavidA[Wright.DavidA@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Giles, Michael (EEO)
Sent: Tue 7/2/2013 6:57:55 PM
Subject: RE: EPA US06 28 June 2013 E3UF-SQ5

Thank you for the quick response on these David!

Regards


Mike

From: Wright, DavidA [mailto:Wright.DavidA@epa.gov]
Sent: Tuesday, July 02, 2013 2:55 PM
To: Giles, Michael (EEO)
Cc: Snyder, Jim
Subject: FW: EPA US06 28 June 2013 E3UF-SQ5

US06 Results FYI

From: EZTech_Printer [mailto:EZTek@epa.gov]
Sent: Tuesday, July 02, 2013 2:50 PM
To: Wright, DavidA
Subject: EPA US06 28 June 2013 E3UF-SQ5

Cert

NVFEL Laboratory Test Data							CVS	
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data								
Test Number: 2013-0217-011			Vehicle ID: E3UF-SQ5					
Test Information								
	Test Date: 6/28/2013		MFR Name: AUDI					
	Key Start: 08:48:27		MFR Codes: 640 ADX					
	Fuel Container ID: F00023		Config #: 00					
	Fuel Type: 61 Tier 2 Cert Test Fuel		Transmission: S					
	Test Procedure: 89 us062bag (us06warmup_2bagus06)		Shift Schedule: A09980041					
	Calculation Method: Gasoline		Beginning Odometer: 004660.0 MI					
Pretest Remarks:			Drive Schedule: us06warmup_2bagus06					
Bag Data								
		<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
		(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Phase 1								
Sample		6.942	104.877	0.665	1.136	2.452		
Ambient		2.916	0.000	0.005	0.045	1.966		
Net Concentration		4.276	104.877	0.660	1.094	0.655	3.507	
Remarks:								
Phase 2								
Sample		5.919	143.377	0.561	1.388	2.439		
Ambient		2.950	0.000	0.005	0.046	1.959		
Net Concentration		3.278	143.377	0.556	1.347	0.685	2.474	
Remarks:								
Phase 3								
Sample								
Ambient								
Net Concentration								
Remarks:								
Phase 4								
Sample								
Ambient								
Net Concentration								
Remarks:								
Results		<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	<u>Vol MPG</u>
		(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(mpg)
Phase 1		0.085	4.207	0.040	689.8	0.015	0.070 / 0.072	12.844
		0.028	2.511	0.015	370.7	0.007	0.021 / 0.022	23.875
Composite		0.04093	2.88596	0.02033	441.284	0.00868	(NMOG=1.04xNMHC) 0.0321 / 0.0334	
Fuel Economy		<u>Gasoline MPG</u>			<u>Dyno Settings</u>	<u>Dyno #:</u> D329 - FWD		
Phase 1		12.81			Inertia: 4750			
Phase 2		23.82			EPA Set Co A: 16.01			
					EPA Set Co B: 0.3322			
					EPA Set Co C: 0.02176			
Composite		20.03			Emiss-Bench: Mexa 7200sls			

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0217-011

Vehicle ID: E3UF-SQ5

<u>Results</u>	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.150	7.424	0.071	1217.3	0.027	0.123	1.173
	0.177	15.607	0.092	2304.3	0.043	0.133	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.68	28.68		
Avg Cell Temp (degF)	74.08	73.87		
Dew Point (degF)	50.31	50.41		
Specific Humidity (grains/lbm)	56.55	56.76		
NOx Corr Factor	0.9202	0.9211		
CO2 Dilution Factor	11.684	9.548		
CFV Vmix (scf @68F)	2146.96	3301.64		
CVS Flow Rate Avg (scfm)	543.07	542.74		

Fan Placement: US06 Only - One Large Fan - Down - Front

Phase Time (secs)	130.00	365.00	107.20
Distance (miles)	1.765	6.216	
Bag Analysis Time (secs)	64.1	276.3	

MFR Test Results

for Procedure 90 US06

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10025851	0.05	2.45	0.016	413	0	0.04


<u>Odometer</u>	<u>MPG</u>	<u>PM</u>
4282 M	21.5	0.004

MPG is 7.33 % higher than EPA MPG

MFR Lab: Audi Ingolstadt

Dyno: 8
Fuel: 61 Tier 2 Cert Gasoline

Cert

NVFEL Laboratory Test Data							CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data							
Test Information				Vehicle ID: E3UF-SQ5			
	Test Date: 6/28/2013			MFR Name: AUDI			
	Key Start / Hot Soak: 07:23:00 / 09:33			MFR Codes: 640 ADX			
	Fuel Container ID: F00023			Config #: 00			
	Fuel Type: 61 Tier 2 Cert Test Fuel			Transmission: S			
	Test Procedure: 21 Federal fuel 2-day exhaust (w/can loa)			Shift Schedule: A09980005			
	Calculation Method: Gasoline			Beginning Odometer: 004649.0 MI			
Pretest Remarks:				Drive Schedule: ftp3bag			
				Soak Period: 14.4 hours			
Bag Data							
	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
Phase 1	(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Sample	9.419	64.461	0.851	1.221	2.923		
Ambient	2.818	0.000	0.005	0.046	1.979		
Net Concentration	6.860	64.461	0.847	1.180	1.125	5.540	
Remarks:							
Phase 2							
Sample	2.884	0.565	0.224	0.789	1.870		
Ambient	2.846	0.000	0.000	0.046	1.968		
Net Concentration	0.206	0.565	0.224	0.746	0.018	0.185	
Remarks:							
Phase 3							
Sample	3.163	4.257	0.350	1.029	1.971		
Ambient	2.887	0.000	0.000	0.045	1.969		
Net Concentration	0.498	4.257	0.350	0.987	0.154	0.318	
Remarks:							
Phase 4							
Sample							
Ambient							
Net Concentration							
Remarks:							
Results	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	<u>Vol MPG</u>
	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(mpg)
Phase 1	0.085	1.615	0.036	464.6	0.016	0.069 / 0.071	19.145
	0.004	0.023	0.015	467.5	0.000	0.004 / 0.004	19.137
	0.006	0.107	0.015	389.9	0.002	0.004 / 0.004	22.935
Weighted	0.02145	0.37584	0.01918	445.613	0.00417	(NMOG=1.04xNMHC) 0.0172 / 0.0179	
Fuel Economy	<u>Gasoline MPG</u>	<u>Dyno Settings</u>					
Phase 1	19.10	Dyno #: D329 - FWD					
Phase 2	19.09	Inertia: 4750					
Phase 3	22.88	EPA Set Co A: 16.01					
		EPA Set Co B: 0.3322					
		EPA Set Co C: 0.02176					
Weighted	19.99	Emiss-Bench: Mexa 7200sle					

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results- Refer to VERIFY Reports for Official Data**

Test Number: 2013-0217-010

Vehicle ID: E3UF-SQ5

<u>Results</u>	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.305	5.796	0.128	1667.2	0.058	0.247	1.173
	0.016	0.087	0.058	1802.3	0.002	0.014	
	0.022	0.383	0.053	1395.7	0.008	0.014	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.68	28.68	28.69	
Avg Cell Temp (degF)	74.23	74.21	74.13	
Dew Point (degF)	63.53	60.65	53.51	
Specific Humidity (grains/lbm)	91.87	82.80	63.72	
NOx Corr Factor	1.0861	1.0381	0.9497	
CO2 Dilution Factor	10.904	16.976	13.011	
CFV Vmix (scf @68F)	2727.14	4662.24	2728.16	

CVS Flow Rate Avg (scfm) 322.10 321.53 322.67

Fan Placement: One Fan - Down - Front

Phase Time (secs)	508.00	870.00	507.30
Distance (miles)	3.589	3.855	3.579
Bag Analysis Time (secs)	52.8	61.8	64.3

MFR Test Results

for Procedure 21 Federal fuel 2-day exhaust (w/can load)

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10025853	0.0218	0.47	0.022	425	0	0.0174

<u>Odometer</u>	<u>MPG</u>	<u>PM</u>
4320 M	21	0.004

MPG is 5.07 % higher than EPA MPG

MFR Lab: Audi Ingolstadt

Dyno: 8
Fuel: 61 Tier 2 Cert Gasoline

To: Petersen, Pete[petersen.pete@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Mon 7/1/2013 7:38:48 PM
Subject: Submitter Request - Mfr. Code VGA
[VGA Submitter Request - Rodgers.pdf](#)
[INITIAL VGA User-Info.xlsx](#)

Hello Pete,

I am sending you the submitter authorization request forms for myself under the newly consolidated CDX/Verify manufacturer code “VGA” for Volkswagen Group of America, Inc. I have also put the originals in a FedEx package to your attention. Please let me know if there are any questions or concerns about establishing the indicated system authorizations. Once my authorizations are established and tested I will be adding other employee names to the list of submitters.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Petersen, Pete [mailto:petersen.pete@epa.gov]
Sent: Monday, May 20, 2013 10:19 AM
To: Rodgers, William (EEO)
Subject: Mfr. Code VGA

Your company information has been successfully entered in the VERIFY system. The Mfr. Code VGA has been assigned.

This Code does NOT imply EPA emissions approval and may not be used to import vehicles or engines into the U.S.A., or to release impounded vehicles.

Also, please be aware that the process to obtain a CDX Users Account, in order to submit Certification data, has changed dramatically. You will find instructions at www.epa.gov/otaq/verify/setup.htm . I will attach a handy check-list that will help you in submitting all required documents as well as a copy of the Guidance Letter sent to manufacturers.

VOLKSWAGEN

GROUP OF AMERICA

Verify Team
OAR/OTAQ/CISD
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Leonard W. Kata Name
Manager Title
EEO Department
248-754-4204 Phone
248-754-4207 Fax
leonard.kata@vw.com E-Mail

July 1, 2013 Date

Subject: CROMERR Documents

Dear Verify Team,

The enclosed documents are the completed CROMERR Electronic Signature Agreement form and Contact Information for Volkswagen Group of America, Inc, under the newly established CDX Manufacture Code "VGA". This consolidated manufacture code includes the brands of Volkswagen, Audi, Bentley, Bugatti and Lamborghini.

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE +1 248 754 5000

These forms authorize Bill Rodgers as an approved VERIFY submitter for Volkswagen Group of America, Inc.

If you have any questions with regard to this information please contact our office in Auburn Hills at (248) 754-4219 or (248) 754-4229.

Sincerely,



Leonard Kata
Volkswagen Group of America, Inc.

Enclosures

Contact Information for Users of EPA Verify Data Submission System

Please send the signed user authorization letter along with this user information form by US mail or a package delivery service to that address at right. To prevent delays in service, this user information spreadsheet form should also be sent as an electronic file by e-mail to verify@epa.gov.

The user authorization letter should be on your company's letterhead and signed by the company approving official. The letter must include the 3-character manufacturer code assigned to your company by EPA and must list all users who are authorized to submit data for this manufacturer code.

If space for additional registrants is needed below, copy and paste the tables as needed.

For additional information, see <http://www.epa.gov/verify/index.htm>

EPA Manufacturer Code (3-character mfr code used in engine family & test group names):

VGA

Date:

Verify Team
OAR/OTAQ/CISD
US EPA, NVFEL
2000 Traverwood Drive
Ann Arbor, MI 48105


Registrant 1	
Prefix (Dr./Mr./Mrs./Ms)	Mr.
First name	William
Last Name	Rodgers
Suffix (Jr/Sr/III/IV)	
Organization Name	Volkswagen Group of America, Inc.
Mailing Address 1	3800 Hamlin Road
Mailing Address 2	EEO
City	Auburn Hills
State	MI
Zip/Postal Code	48326
Country	U.S.A.
E-mail	william.roddgers@vw.com
Phone Number	248-754-4219

Registrant 1	
Place an X in the Authorized column for the modules the user is authorized to use.	
Compliance Module	Authorized
Edit Manufacturer Information	X
View Manufacturer Information	X
Heavy-Duty In-Use Testing	
Light-Duty Compliance	X
Locomotive Certification	
MC/ATV Certification	
Upload Compliance Documents	X

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
2. I agree that if I have any reason to believe that the security of my User ID or Password has been compromised I will inform U.S. EPA by calling the CDX Help Desk at 1-888-890-1995 as soon as possible, but no later than 24 hours after I learn of the problem.
3. I agree to maintain an electronic mail account; if any e-mail sent to me by U.S. EPA is returned as undeliverable, I will explain this occurrence when requested by U.S. EPA. I understand that I will be informed through this e-mail address whenever my user identification or password has been modified.
4. I understand that CDX reports the last date my user identification and password were used immediately after successfully logging into CDX.
5. I understand that whenever I electronically sign and submit an electronic document to the CDX, I will receive an e-mail message at my registered e-mail address as an "out-of-band" receipt. This e-mail message will inform me that a submission has been made to CDX from my user account and will contain instructions to view information regarding the submission in my CDX Inbox.
6. I understand that I will receive an e-mail message in my CDX inbox with a link to my encrypted, electronically signed copy of my submission as an "in-band" receipt.
7. I agree to review the acknowledgements and copies of documents that I electronically sign and submit to the US EPA's CDX.
8. I agree that if I receive an in-band or out-of-band receipt for a submission that I do not believe that I submitted, I will notify the CDX Help Desk as soon as possible, but no later than 24 hours, after receipt.
9. I agree to contact the CDX Help Desk if I do not receive a receipt either by in-band or out-of-band message within 5 business days for any electronically signed submission using my credentials.
10. I agree to report, within 24 hours of discovery, any evidence of a discrepancy between an electronic document I have signed and submitted and what the CDX has received from me by contacting the CDX Help Desk.
11. I agree to notify U.S. EPA if I cease to represent the regulated entity specified below, by sending an e-mail message to verify@epa.gov with "Verify Account Termination" in the subject line.
12. I agree that I will be held legally bound, obligated, and responsible for any submittal made through my user account using the Verify System, as though I were making such a submittal in hardcopy form with my handwritten signature as certification.
13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: 
Printed Name: William Rodgers
Title: Certification Engineer
Company: Volkswagen Group of America, Inc.
Address: 3800 Hamlin Road
City, State, Zip: Auburn Hills, MI, 48326
E-mail Address: william.rodgers@vw.com
Telephone Number: 248-754-4219 Date: 6-27-2013
CDX User ID: **Ex. 6**

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Glas, Tobias
Sent: Fri 6/28/2013 1:02:58 PM
Subject: Re: Audi SQ5 Confirmatory Test Date set

Hi Jim!

We are in the Manufacturer room, please pick us up whenever you are ready.

Thanks

Tobias

----- Original Message -----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, June 27, 2013 04:36 PM
To: Glas, Tobias; Ball, Joel <ball.joel@epa.gov>
Cc: Mazaitis, Vincent <mazaitis.vincent@epa.gov>
Subject: RE: Audi SQ5 Confirmatory Test Date set

Okay.

-----Original Message-----

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, June 27, 2013 4:25 PM
To: Snyder, Jim; Ball, Joel
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

Actually Garrett and I will be there at 7am and Stuart will join at 9am.

See you tomorrow !

Tobias

-----Original Message-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, June 27, 2013 3:40 PM
To: Glas, Tobias; Ball, Joel
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

9 am sounds good. I didn't bother to reserve a conference room but that shouldn't be a problem on a Friday. Will Stewart and Garrett be coming with you at 7 or at 9?

-----Original Message-----

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, June 27, 2013 3:00 PM
To: Snyder, Jim
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hi Jim !

I'm gonna be at EPA for our retest tomorrow at 7am. What time do you want to do the presentation about the coast down values? Maybe at around 9 am?

Stuart Johnson and my colleague Garrett Horton would like to join us for the presentation I hope that is ok.

Best regards

Tobias Glas
In-Use Emission Compliance Specialist
Engineering & Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America

Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

-----Original Message-----

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Wednesday, June 26, 2013 2:03 PM
To: Rodgers, William (EEO)
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hello Bill,

Thanks for the "heads up." I'll know more tomorrow, and will contact you.

Thanks,

Vince Mazaitis

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, June 26, 2013 1:38 PM
To: Mazaitis, Vincent
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hello Vince,
Our resident Engineer Tobias Glas will attend the Audi testing scheduled for Friday. Please let us know what time the test is expected to start.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI

(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Wednesday, June 26, 2013 11:48 AM
To: Thomas, Richard (EEO); Giles, Michael (EEO); Rodgers, William (EEO); VWoA EEO Government
Subject: Confirmatory Test Date set

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Confirmatory Test Date has been set for the following vehicle :

Manufacturer: ADX
Vehicle ID: E3UF-SQ5
Vehicle Configuration: 0

The test date is 06/28/2013.

The Verify submission this message relates to has the following values:

Vehicle ID: E3UF-SQ5

Vehicle Configuration #: 0

Test Group Name: EADXJ03.03UF

The following transaction identifier has been assigned to this request:

_e159509e-01a7-4499-8a2c-fee7e6f38be9

Please do not reply to this message.

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 6/27/2013 10:56:12 AM
Subject: RE: 2013 FE Guide - There are no 2013 labels in Verify for the Audi R8 models but there are 2014 R8s in Verify

Hi Dave;

The SOP was delayed for the 2013 model year Audi R8 models due to the availability of a new transmission . It came so late they decided to build as 2014, so there is a 2012 and 2014 but no 2013, you are correct.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, June 26, 2013 5:13 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: 2013 FE Guide - There are no 2013 labels in Verify for the Audi R8 models but there are 2014 R8s in Verify

Richard,

I'm working on 2013 gas guzzlers.

I couldn't find any 2013 R8s in the FE Label module Verify. Also I didn't see any 2013 certificates covering R8 models. There are 2012 & 2014 R8s in Verify.

Did Audi build any 2013 model year R8s or R8 Spyder models for the U.S.?

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Wed 6/26/2013 9:13:09 PM
Subject: 2013 FE Guide - There are no 2013 labels in Verify for the Audi R8 models but there are 2014 R8s in Verify

Richard,

I'm working on 2013 gas guzzlers.

I couldn't find any 2013 R8s in the FE Label module Verify. Also I didn't see any 2013 certificates covering R8 models. There are 2012 & 2014 R8s in Verify.

Did Audi build any 2013 model year R8s or R8 Spyder models for the U.S.?

Thanks

To: Glas, Tobias[Tobias.Glas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Sohacki, Lynn
Sent: Wed 6/26/2013 7:12:43 PM
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hi, Tobias.

Jim Snyder said that he will contact you about a meeting on Friday. Unfortunately, I will be out of the office that day.

Regards,

Lynn

-----Original Message-----

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Wednesday, June 26, 2013 1:42 PM
To: Sohacki, Lynn
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hi Lynn !

I'll be back at the EPA this Friday. In case you have data or the little presentation for the Tiguan coast down testing ready please let me know.

If not it is no problem to come down there any other time.

Thanks !

Tobias Glas
In-Use Emission Compliance Specialist
Engineering & Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America

Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

-----Original Message-----

From: Rodgers, William (EEO)
Sent: Wednesday, June 26, 2013 1:38 PM
To: Mazaitis, Vincent (mazaitis.vincent@epa.gov)
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hello Vince,
Our resident Engineer Tobias Glas will attend the Audi testing scheduled for Friday. Please let us know

what time the test is expected to start.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Wednesday, June 26, 2013 11:48 AM
To: Thomas, Richard (EEO); Giles, Michael (EEO); Rodgers, William (EEO); VWoA EEO Government
Subject: Confirmatory Test Date set

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Confirmatory Test Date has been set for the following vehicle :

Manufacturer: ADX
Vehicle ID: E3UF-SQ5
Vehicle Configuration: 0

The test date is 06/28/2013.

The Verify submission this message relates to has the following values:

Vehicle ID: E3UF-SQ5

Vehicle Configuration #: 0

Test Group Name: EADXJ03.03UF

The following transaction identifier has been assigned to this request:

_e159509e-01a7-4499-8a2c-fee7e6f38be9

Please do not reply to this message.

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 6/26/2013 10:34:30 AM
Subject: VW Group Certificate - EVWXV02.0U36

Hi Jim,

Given the upcoming week 27 start of production and holiday next week, If there is any way to get the Certificate issued this week for the test group EVWXV02.0U36 we would greatly appreciate it.

Regards

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Mon 6/24/2013 7:16:48 PM
Subject: FW: Audi SQ5 Retest - VID E3UF-SQ5

Hi Jim,

Do you happen to know yet when these tests are to be run this week?

Bill

From: Rodgers, William (EEO)
Sent: Monday, June 24, 2013 7:10 AM
To: Snyder, Jim
Cc: Mazaitis, Vincent (mazaitis.vincent@epa.gov); Giles, Michael; Allen, Gregory
Subject: Audi SQ5 Retest - VID E3UF-SQ5

Hello Jim,

Based on the results of last week's confirmatory tests, we are requesting a retest of the US06 cycle. Please schedule this test along with the already planned FTP retest.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Glas, Tobias[Tobias.Glas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Sohacki, Lynn[sohacki.lynn@epa.gov]
From: Ball, Joel
Sent: Mon 6/24/2013 5:25:53 PM
Subject: RE: VW Tiguan

Yes, that is one of the metrics used. AC 55 also specifies 10% tolerance on the DPA setting (total road load power at 50 mph). The guidance letter CD 02-01 proposed using work done over the FTP and HWFE cycles. We feel these are more appropriate metrics however no official tolerance has been set at this time.

I don't think you have anything to worry about with this Tiguan coastdown result. We just need to make sure we are comparing to the correct values.

Joel Ball
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4238
ball.joel@epa.gov

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Monday, June 24, 2013 1:16 PM
To: Ball, Joel
Cc: Snyder, Jim; Sohacki, Lynn
Subject: RE: VW Tiguan

Hi Joel !

Lynn pointed me to read the AC 55B about the tolerances on Road coefficients:

If the Target coastdown time we submitted is under 107% of the TCDT you measured with the vehicle everything is fine. And the Target coast down time is defined as the coast down time between 55mph and 45mph.

Please let me know if I understood that right.

Thank you !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Rodgers, William (EEO)

Sent: Monday, June 24, 2013 8:41 AM

To: Ball, Joel

Cc: Glas, Tobias; Snyder, Jim; Sohacki, Lynn

Subject: RE: VW Tiguan

Mr. Ball,

Please be advised that the Common Section Application information you referenced is from an old (Initial Application) document version that has since been updated in the Verify system. The

latest Common Section Update Application, originally submitted 02-24-2013 and revised 04-05-2013, contains information regarding the 16-inch tire size you mentioned. We appreciate the opportunity to confirm the coefficients prior to your testing because in this case we did discover some typos in this latest document which are now scheduled for correction in the Final Application update due in December 2013. The coefficient information previously provided by Mr. Glas (i.e. 40/0.51/0.0218) is correct for testing the vehicle in question.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Ball, Joel [<mailto:ball.joel@epa.gov>]
Sent: Friday, June 21, 2013 10:51 AM
To: Rodgers, William (EEO); Snyder, Jim; Sohacki, Lynn
Cc: Glas, Tobias
Subject: RE: VW Tiguan

Thank you for the quick response, however, I am still a little confused the application has the following chart which shows the coefficients you provided correspond to 235/50 R18 tires but

the vehicle we tested has 215/ 65 R16 tires. I would expect that a 20mm difference in tire width to have an affect on the road load. Are you sure these are the correct coefficients?

Common Section 12VW Pg 11		Vehicle Test Parameters				Engine Code		R.CH-No.:			Revision Date				
Test Group		All MY2013 (D)				All					02-01-2012				
Carline / model	Engine Displ./HP	Engine Code	Tires	TM / OD #	Axle	ETW	Road Track Coefficients			TCDT	Fuel tank Cap.	Fan Pos.	Shift Sched. I.D.	Test Fuel	DF Source
							F0	F1	F2						
	[liter/hp]					[lbs]	[lb ft]	[lb ft / mph]	[lb ft / (mph) ²]	[sec] / [hp]	40% 100% [l]				
Jetta	2.0 / 200	CBFA	215/55 R16	L6 / 2	4.058	3500	29	0.21	0.0168	20.07	22.0 55.0	A	L6	Tier2	AV3SA
Jetta	2.0 / 200	CBFA	225/40 R18	M6 / 2	3.684	3500	30	0.20	0.0186	18.77	22.0 55.0	A	M6	Tier2	AV3SA
Jetta	2.0 / 200	CCTA	235/40 R18	L6 / 2	4.059 3.136	3625	29	0.21	0.0168	20.07	22.0 55.0	A	L6	Tier 2	8V3UA
Jetta	2.0 / 200	CCTA	225/45 R17	M6 / 2	3.684 2.917	3625	30	0.20	0.0186	18.77	22.0 55.0	A	M6	Tier 2	8V3UA
Tiguan	2.0 / 200	CCTA	235/55 R17	M6	4.400 3.300	3875	41	0.15	0.0272	16.98	25.0 64.0	A	M6	Tier 2	8V3UA
Tiguan	2.0 / 200	CCTA	235/50 R18	L6	3.816	3875	34	0.38	0.0226	16.4	25.0 64.0	A	L6	Tier 2	8V3UA
Tiguan	2.0 / 200	CCTA	235/50 R18	L6	3.816	3875	40	0.51	0.0218	14.98	25.0 64.0	A	L6	Tier 2	8V3UA
Tiguan	2.0 / 200	CCTA	235/50 R18	L6 4motion	3.816	4000	38	0.35	0.0245	16.22	25.0 64.0	A	L6	Tier 2	8V3UA
Tiguan	2.0 / 200	CCTA	235/50 R18	L6 4motion	3.816	4000	42	0.47	0.0237	14.82	25.0 64.0	A	L6	Tier 2	8V3UA

#) OD = Overdrive, 1 =final gear ratio >1 ; 2 =final gear ratio < 1
 *) value = pre stage x axle
 \$) double clutch transmission

Joel Ball
 Light-Duty Vehicle Group
 Compliance Division
 United States Environmental Protection Agency
 (734) 214-4238
ball.joel@epa.gov

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]

Sent: Friday, June 21, 2013 8:29 AM
To: Snyder, Jim
Cc: Ball, Joel; Glas, Tobias
Subject: RE: VW Tiguan

Hello Jim,

We have confirmed that the coefficients provided to Lynn are correct for the vehicle and tire you have at EPA. We will contact you Monday to discuss further.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, June 20, 2013 5:14 PM
To: Thomas, Richard (EEO); Rodgers, William (EEO); Glas, Tobias
Cc: Ball, Joel
Subject:

Richard, I left you a voice mail about a vehicle we have that has a tire size that's not listed in the Cert Application. Can one of you see what the story is? It's a rental VW Tiquan, 2WD with 215/65 17 Pirelli Scorpion STR tires. See attached pics. They aren't listed in the Common section, is it in the FE database? Tobias (I'm guessing) gave Lynn some road load coefficients but they are probably for a different tire. We'd like to know the correct Road load coefficients.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

Common Section 12VW	Vehicle Test Parameters Pg 11	Engine Code	R.CH.No.:	Revision Date
Test Group	All MY2013 (ID)	All		02-01-2012

Carline / model	Engine Displ./HP	Engine Code	Tires	TM / OD #	Axle	ETW	Road Track Coefficients			TCDT	Fuel tank Cap.	Fan Pos.	Shift Sched. I.D.	Test Fuel	DF Source
	[liter/hp]					[lbs]	F0 [lb ft.]	F1 [lb ft./ mph]	F2 [lb ft./ (mph) ²]	[sec] / [hp]	40% 100% fill				

Jetta	2.0 / 200	CBFA	215/55 R16	L6/2	4.058	3500	29	0.21	0.0168	20.07	22.0 55.0	A	L6	Tier2	AV3SA
Jetta	2.0 / 200	CBFA	225/40 R18	M6/2	3.694	3500	30	0.20	0.0186	18.77	22.0 55.0	A	M6	Tier2	AV3SA
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- *) OD = Overdrive, 1 = final gear ratio > 1 ; 2 = final gear ratio < 1
*) value = pre stage x axle
*) double clutch transmission

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	[liter/hp]						F0 [lb ft.]	F1 [lb ft. / mph]	F2 [lb ft. / (mph) ²]		40% 100% III				

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To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Mazaitis, Vincent[mazaitis.vincent@epa.gov]; Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Mon 6/24/2013 11:10:08 AM
Subject: Audi SQ5 Retest - VID E3UF-SQ5

Hello Jim,

Based on the results of last week's confirmatory tests, we are requesting a retest of the US06 cycle. Please schedule this test along with the already planned FTP retest.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov];
Sohacki, Lynn[sohacki.lynn@epa.gov]
Cc: Glas, Tobias[Tobias.Glas@vw.com]
From: Ball, Joel
Sent: Fri 6/21/2013 2:51:26 PM
Subject: RE: VW Tiguan

Thank you for the quick response, however, I am still a little confused the application has the following chart which shows the coefficients you provided correspond to 235/50 R18 tires but the vehicle we tested has 215/ 65 R16 tires. I would expect that a 20mm difference in tire width to have an affect on the road load. Are you sure these are the correct coefficients?

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Joel Ball
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4238
ball.joel@epa.gov

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Friday, June 21, 2013 8:29 AM
To: Snyder, Jim
Cc: Ball, Joel; Glas, Tobias
Subject: RE: VW Tiguan

Hello Jim,

We have confirmed that the coefficients provided to Lynn are correct for the vehicle and tire you have at EPA. We will contact you Monday to discuss further.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Thursday, June 20, 2013 5:14 PM

To: Thomas, Richard (EEO); Rodgers, William (EEO); Glas, Tobias

Cc: Ball, Joel

Subject:

Richard, I left you a voice mail about a vehicle we have that has a tire size that's not listed in the Cert Application. Can one of you see what the story is? It's a rental VW Tiquan, 2WD with 215/65 17 Pirelli Scorpion STR tires. See attached pics. They aren't listed in the Common section, is it in the FE database? Tobias (I'm guessing) gave Lynn some road load coefficients but they are probably for a different tire. We'd like to know the correct Road load coefficients.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

Common Section 12VW	Vehicle Test Parameters Pg 11	Engine Code	R.CH.No.:	Revision Date
Test Group	All MY2013 (ID)	All		02-01-2012

Carline / model	Engine Displ./HP	Engine Code	Tires	TM / OD #	Axle	ETW [lbs]	Road Track Coefficients			TCDT [sec] / [mp]	Fuel tank Cap. 40%	Fan Pos.	Shift Sched. I.D.	Test Fuel	DF Source
	[liter/hp]						F0 [lb ft.]	F1 [lb ft./ mph]	F2 [lb ft./ (mph) ²]						

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- *) OD = Overdrive, 1 = final gear ratio > 1 ; 2 = final gear ratio < 1
 *) value = pre stage x axle
 *) double clutch transmission

To: Giles, Michael (EEO)[michael.giles@vw.com]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Thur 6/20/2013 7:01:44 PM
Subject: Laboratory Test Data for E3UF-SQ5 (Hwy/US06)
[E3UF-SQ5 6-20-13.pdf](#)

Hello Mike,

Please find enclosed the Hwy & US06 Laboratory Test Data for E3UF-SQ5.

If you have any questions or concerns, please contact me.

Thanks Mike,

Vince Mazaitis

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Wednesday, June 19, 2013 1:49 PM
To: Mazaitis, Vincent; Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory; Spieth, John
Subject: RE: VW Group - Audi Test Thursday 6/20

Thanks Vince, Tobias and Greg will be there at 8:00 sharp.

From: Mazaitis, Vincent [<mailto:mazaitis.vincent@epa.gov>]
Sent: Wednesday, June 19, 2013 1:43 PM
To: Giles, Michael (EEO); Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory; Spieth, John
Subject: RE: VW Group - Audi Test Thursday 6/20

Hello Mike,

Sorry for getting back to you late!

I've arranged a lab tour tomorrow after 10:00 am. If you would have Tobias and Greg here by around 8:00 am for the start of the FTP that would be great. John Spieth will conduct the tour. He has a meeting early, that's why there is a delay for the tour.

If there are any questions or concerns, please contact me. I'll inform Security they will arrive about 8.

Thanks for your patience Mike!

Vince Mazaitis

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Wednesday, June 19, 2013 8:34 AM
To: Snyder, Jim; Mazaitis, Vincent
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: RE: VW Group - Audi Test Thursday 6/20

Hi Jim,

Any feedback from the lab about a tour for Thursday?

Thanks

Mike

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, June 13, 2013 10:42 AM
To: Giles, Michael (EEO); Mazaitis, Vincent
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: RE: VW Group - Audi Test Thursday 6/20

I'll talk to lab about arranging something.

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Thursday, June 13, 2013 10:32 AM
To: Mazaitis, Vincent; Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: VW Group - Audi Test Thursday 6/20

Hello Vince or Jim,

We have a new certification team employee, Greg Allen, who will come to EPA next week to witness the start of the SQ5 test on Thursday 6/20. Would you be able to arrange a lab tour similar to what we have done before? Tobias Glas may also be there so it would be a 2 at most for the tour.

Thanks,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Wed 6/19/2013 10:04:30 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of June 18, 2013
VW Group 2014 FE Guide-all rel dates-no-sales-6-18-2013.xlsx

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of June 18, 2013

Attached are the data in Verify as of June 18, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

The next normal posting of 2014 FE Label data will be on July 2, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—plus I'm out of the office on July 1st). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections to Verify when you get a chance.

Thanks

To: Snyder, Jim[Snyder.Jim@epa.gov]; Mazaitis, Vincent[mazaitis.vincent@epa.gov]; Haynes, Ben[haynes.ben@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Fri 6/14/2013 1:44:30 PM
Subject: RE: VW Group - Audi Test Thursday 6/20

Hello Jim, Vince and Ben,

Just a reminder that we plan to deliver the Audi SQ5 Monday morning. We should be at EPA around 10:00 am.

Thanks

Mike

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, June 13, 2013 10:42 AM
To: Giles, Michael (EEO); Mazaitis, Vincent
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: RE: VW Group - Audi Test Thursday 6/20

I'll talk to lab about arranging something.

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Thursday, June 13, 2013 10:32 AM
To: Mazaitis, Vincent; Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: VW Group - Audi Test Thursday 6/20

Hello Vince or Jim,

We have a new certification team employee, Greg Allen, who will come to EPA next week to

witness the start of the SQ5 test on Thursday 6/20. Would you be able to arrange a lab tour similar to what we have done before? Tobias Glas may also be there so it would be a 2 at most for the tour.

Thanks,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 6/13/2013 1:56:37 PM
Subject: RE: 2014 Volkswagen Certification Fees

Hi Jim,

Ex. 4 - CBI

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, June 13, 2013 9:52 AM
To: Thomas, Richard (EEO)
Cc: Rodgers, William (EEO)
Subject: RE: 2014 Volkswagen Certification Fees

FYI, I'm in the office all day today. I don't see a cert request for this test group yet. Is it something in the near future?

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, June 13, 2013 8:56 AM
To: Fees
Cc: Stump, Barbara; VandenBroek, Willem; Snyder, Jim; Rodgers, William (EEO)
Subject: 2014 Volkswagen Certification Fees

Please find attached the fee filing for the **Ex. 4 - CBI** Fees
Ex. 4 - CBI were electronically transferred today June 13th, and should be available in the EPA account tomorrow.

If you have any questions, please contact me directly.

Regards,

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Fees[Fees@epa.gov]
Cc: Stump, Barbara[Stump.Barbara@epa.gov]; VandenBroek, Willem[vandenbroek.willem@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Thomas, Richard (EEO)
Sent: Thur 6/13/2013 12:55:51 PM
Subject: 2014 Volkswagen Certification Fees
[2014 EPA Cert Fees EVWXV01.4PHE to EPA.pdf](#)

Please find attached the fee filing for the **Ex. 4 - CBI** Fees
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If you have any questions, please contact me directly.

Regards,

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com



U.S. Environmental Protection Agency
Motor Vehicle and Engine Compliance Program
On-Highway Fee Filing Form

For Certification Applications Received In Calendar Year 2013

Manufacturer Name VOLKSWAGEN Group of America, Inc.

Address 3800 Hamlin Road

City/State/Zip Code/Country Auburn Hills, MI 48326

On-Highway Certification Request Type (check one)

- | | |
|--|---|
| <input checked="" type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) FEDERAL (\$29,848) | <input type="checkbox"/> HDV EVAP-ONLY (\$563) |
| <input type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) CAL-ONLY (\$15,704) | <input type="checkbox"/> HDE CALIF-ONLY (\$563) |
| <input type="checkbox"/> HDE (Engine Dyno cert) FEDERAL (\$44,215) | <input type="checkbox"/> MOTORCYCLE (\$1,427) |
| | <input type="checkbox"/> LD/MDPV/HDV ICI (\$68,737) |

EPA standard family or test group:

E	V	W	X	V	0	1	.	4	P	H	E
---	---	---	---	---	---	---	---	---	---	---	---

Amount paid (U.S. Funds Only):

\$ 29,848.00

Enter the check number, or the statement "WIRE" or "ACH":

EFT

Reduced Fee Section (40 CFR §1027.120)

Reduced fee calculation (minimum initial payment \$750): Total number of vehicles/units covered: _____

Aggregate retail sales price of the vehicles/units: \$ _____ x 1% = \$ _____

Check box if an Independent Commercial Importer: ☐ List the VIN of imported vehicles/engines below:

Company Representative: Richard E. Thomas

Signature: *Richard E. Thomas*

Title: Emission Cert Strategist

Phone/Fax: 248 754 4213

/ 248 754 4207

Date: 06/11/2013

E-mail Address: _____

Submission of payments and forms:

- (1) Online: **Forms** may be found and submitted with or without **payments** online at www.Pay.gov.
(2) By mail: For check payments only, send **checks** and this **form** to:

Environmental Protection Agency
Motor Vehicle and Engine Compliance Program
P.O. Box 979032
St. Louis, MO 63197-9000

- (3) Transmit offline Wire payments to the New York Federal Reserve Bank. (See Instructions, p.2)
(4) Transmit offline ACH payments to the Federal Reserve Bank of Cleveland. (Instructions, p.2)
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This form expires: 1/1/2014

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Mon 6/10/2013 2:56:17 PM
Subject: VW Group - Test group EVWXV02.03PA

Hi Jim,

There has been an unexpected delay in getting the ARB OBD approval for certain models included in the OBD approval letter, dated June 4, 2013, and found in the 2014 Certification Application for Test group EVWXV02.03PA. As the result, the current OBD approval is currently only valid for the VW CC models.

Please process a Certificate of Conformity as soon as possible for the VW CC, Evap family: EVWXR0125P4D. We will process a running change letter and Certificate request at a later date to include the remaining models for the test group. A will also follow up with you by phone.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 6/7/2013 10:35:27 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013
VW Group 2014 FE Guide-all rel dates-no-sales-6-7-2013.xlsx

Richard,

Here you go.

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Friday, June 07, 2013 1:40 PM
To: Good, David
Cc: Snyder, Jim
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Hi Dave;

I think I have all these corrections made now. If you like to run it again please give me a copy of the 2014 models. I understand that many of the Audi models will be released next week.

Thanks, have a nice weekend.

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, June 07, 2013 12:27 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Attached are the data in Verify as of June 4, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

This dataset was run before the one I sent you yesterday---but I reviewed this one (column by column). It should have about the same errors as the one I sent you yesterday.

The next normal posting of 2014 FE Label data will be on June 18, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—plus I'm out of the office on June 17th). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 6/7/2013 5:39:34 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Hi Dave;

I think I have all these corrections made now. If you like to run it again please give me a copy of the 2014 models. I understand that many of the Audi models will be released next week.

Thanks, have a nice weekend.

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, June 07, 2013 12:27 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

Attached are the data in Verify as of June 4, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

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need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 6/7/2013 4:26:56 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013
VW Group 2014 FE Guide-all rel dates-no-sales-6-4-2013.xlsx

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of June 4, 2013

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Please make any needed corrections when you get a chance.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Thur 6/6/2013 10:37:06 PM
Subject: 2013-2014 FE Guide data attached
VW Group 2013-2014 FE Guide-all rel dates-no-sales-6-6-2013.xlsx

Richard,

I ran the macro on the data in verify. I haven't had time to edit out some of the errors---e.g. sales equal to or less than 5 vehicles, etc.

Also---I just noticed that I included 2013 and 2014 labels---the 2013 labels looked pretty clean at first glance. Here you go.

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; VandenBroek, Willem[vandenbroek.willem@epa.gov]
From: Stump, Barbara
Sent: Thur 6/6/2013 1:27:07 PM
Subject: RE: Audi EADXJ02.0FUB fee payment

Mr. Thomas,

We did receive the fee filing forms for the test groups EADXT02.0HUB and EADXJ03.03UF and they have been submitted and listed as paid. You should have received an email confirmation on 5/30/13. I will submit the test group EADXJ02.0FUB into our fees system today and you should receive an email confirmation later this afternoon.

If you have any other questions or concerns, please let me know.

Sincerely,

Barbara Stump

USEPA Compliance Division
MVECP Fees
734-214-4256

From: Thomas, Richard (EEO)
Sent: Thursday, June 06, 2013 7:45 AM
To: Snyder, Jim
Cc: VandenBroek, Willem; Rodgers, William (EEO); Stump, Barbara
Subject: RE: Audi EADXJ02.0FUB fee payment

Hi Jim;

The payment for three Audi Test Groups: EADXT02.0HUB, EADXJ02.0FUB and

Ex. 4 - CBI

I have attached the fee filing forms here for all three if they were not received. I never got any payment receipts for **Ex. 4 - CBI** but they are now both certified. It may be that that Saint Louis never got the fee filing forms and that's why I didn't get a receipt.

Bill; should I send all three fee filing forms to St Louis, or just the missing test group?

I have attached our accounting department list of cleared vendor items from that transfer for you review.

This **Ex. 4 - CBI** test group has become a hot item here due to a now even earlier port release date.

If you have any questions please call.

Thanks,

Richard

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, June 05, 2013 5:37 PM
To: Rodgers, William (EEO); Thomas, Richard (EEO)
Subject: **Ex. 4 - CBI** fee payment

Engine Family	Request Type	Manufacturer	Amount Cleared (\$)	Date by Bank	Date Posted by EPA	Fee Type	Payment Type	Payment Identifier
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Ex. 4 - CBI

Ex. 4 - CBI

Bill, Richard I was looking thru the Audi Cert requests and noticed the 2nd test group ,
Ex. 4 - CBI doesn't show payment. Here is what is shown paid. Do you know when payment was submitted?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: VandenBroek, Willem[vandenbroek.willem@epa.gov]; Rodgers, William (EEO)[William.Rodgers@vw.com]; Stump, Barbara[Stump.Barbara@epa.gov]
From: Thomas, Richard (EEO)
Sent: Thur 6/6/2013 11:45:08 AM
Subject: RE: Audi EADXJ02.0FUB fee payment
[May 23 Audi payments.pdf](#)
[2014 EPA Cert Fees EADXJ02.0FUB EADXT02.0HUB EADXJ03.03UF to EPA.pdf](#)

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Ex. 4 - CBI

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Thanks,

Richard

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Wednesday, June 05, 2013 5:37 PM

To: Rodgers, William (EEO); Thomas, Richard (EEO)
Subject: Audi **Ex. 4 - CBI** fee payment

Engine Family	Request Type	Manufacturer	Amount (\$)	Date Cleared by Bank	Date Posted by EPA	Fee Type	Payment Type	Payment Identifier
EADXJ03.030F		Audi	29,848.00	05/23/2010	05/30/2010	REGULAR	ARCH	
EADXJ03.040G		Audi	32,678.00	02/05/2012	02/13/2012	REGULAR	ARCH	
EADXT02.010UB		Audi	29,848.00	05/23/2010	05/30/2010	REGULAR	ARCH	
EADXT03.020UG		Audi	29,848.00	03/08/2010	03/11/2010	REGULAR	WIRE	
EADXT03.030UG		Audi	29,848.00	04/27/2010	03/01/2010	REGULAR	ARCH	
EADXT03.010LF		Audi	29,848.00	04/29/2010	04/30/2010	REGULAR	WIRE	
EADXV02.030JA		Audi	29,848.00	04/22/2010	04/23/2010	REGULAR	ARCH	
EADXV02.010JB		Audi	29,848.00	04/22/2010	04/23/2010	REGULAR	ARCH	
EADXV04.030JJ		Audi	29,848.00	04/22/2010	04/23/2010	REGULAR	ARCH	
EADXV04.02075		Audi	32,678.00	02/05/2012	02/12/2012	REGULAR	ARCH	
EADXV04.020JL		Audi	29,848.00	04/29/2010	04/30/2010	REGULAR	ARCH	
EADXV05.020R8		Audi	32,678.00	02/05/2012	02/12/2012	REGULAR	ARCH	

Ex. 4 - CBI

Bill, Richard I was looking thru the Audi Cert requests and noticed the 2nd test group ,
EADXJ02.0FUB, doesn't show payment. Here is what is shown paid. Do you know when
payment was submitted?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov



U.S. Environmental Protection Agency
Motor Vehicle and Engine Compliance Program

On-Highway Fee Filing Form

For Certification Applications Received In Calendar Year 2013

Manufacturer Name VOLKSWAGEN Group of America, Inc.

Address 3800 Hamlin Road

City/State/Zip Code/Country Auburn Hills, MI 48326

On-Highway Certification Request Type (check one)

- | | |
|--|---|
| <input checked="" type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) FEDERAL (\$29,848) | <input type="checkbox"/> HDV EVAP-ONLY (\$563) |
| <input type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) CAL-ONLY (\$15,704) | <input type="checkbox"/> HDE CALIF-ONLY (\$563) |
| <input type="checkbox"/> HDE (Engine Dyno cert) FEDERAL (\$44,215) | <input type="checkbox"/> MOTORCYCLE (\$1,427) |
| | <input type="checkbox"/> LD/MDPV/HDV ICI (\$68,737) |

EPA standard family or test group:

E	A	D	X	J	0	2	.	0	F	U	B
---	---	---	---	---	---	---	---	---	---	---	---

Amount paid (U.S. Funds Only):

\$ 29,848.00

Enter the check number, or the statement "WIRE" or "ACH":

EFT

Reduced Fee Section (40 CFR §1027.120)

Reduced fee calculation (minimum initial payment \$750): Total number of vehicles/units covered: _____

Aggregate retail sales price of the vehicles/units: \$ _____ x 1% = \$ _____

Check box if an Independent Commercial Importer: ☐ List the VIN of imported vehicles/engines below:

Company Representative: Richard E. Thomas

Signature:

Title: Emission Cert Strategist Phone/Fax: 248 754 4213 / 248 754 4207 Date: 05/02/2013

E-mail Address: _____

Submission of payments and forms:

- (1) Online: **Forms** may be found and submitted with or without **payments** online at www.Pay.gov.
(2) By mail: For check payments only, send **checks** and this **form** to:

Environmental Protection Agency
Motor Vehicle and Engine Compliance Program
P.O. Box 979032
St. Louis, MO 63197-9000

- (3) Transmit offline **Wire payments** to the New York Federal Reserve Bank. (See Instructions, p.2)
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(5) **Forms** not submitted under (1) and (2) above can be sent as email attachments to Fees@epa.gov.
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This form expires: 1/1/2014



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Motor Vehicle and Engine Compliance Program
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Manufacturer Name VOLKSWAGEN Group of America, Inc.

Address 3800 Hamlin Road

City/State/Zip Code/Country Auburn Hills, MI 48326

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- | | |
|--|---|
| <input checked="" type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) FEDERAL (\$29,848) | <input type="checkbox"/> HDV EVAP-ONLY (\$563) |
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| | <input type="checkbox"/> LD/MDPV/HDV ICI (\$68,737) |

EPA standard family or test group:

E	A	D	X	T	0	2	.	0	H	U	B
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Aggregate retail sales price of the vehicles/units: \$ _____ x 1% = \$ _____

Check box if an Independent Commercial Importer: ☐ List the VIN of imported vehicles/engines below:

Company Representative: Richard E. Thomas

Signature: *Richard E. Thomas*

Title: Emission Cert Strategist Phone/Fax: 248 754 4213 / 248 754 4207 Date: 05/02/2013

E-mail Address: _____

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Environmental Protection Agency
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St. Louis, MO 63197-9000

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Address 3800 Hamlin Road

City/State/Zip Code/Country Auburn Hills, MI 48326

On-Highway Certification Request Type (check one)

- | | |
|--|---|
| <input checked="" type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) FEDERAL (\$29,848) | <input type="checkbox"/> HDV EVAP-ONLY (\$563) |
| <input type="checkbox"/> LDV/LDT/MDPV/HDV (Chassis cert) CAL-ONLY (\$15,704) | <input type="checkbox"/> HDE CALIF-ONLY (\$563) |
| <input type="checkbox"/> HDE (Engine Dyno cert) FEDERAL (\$44,215) | <input type="checkbox"/> MOTORCYCLE (\$1,427) |
| | <input type="checkbox"/> LD/MDPV/HDV ICI (\$68,737) |

EPA standard family or test group:

E	A	D	X	J	0	3	.	0	3	U	F
---	---	---	---	---	---	---	---	---	---	---	---

Amount paid (U.S. Funds Only):

\$ 29,848.00

Enter the check number, or the statement "WIRE" or "ACH":

EFT

Reduced Fee Section (40 CFR \$1027.120)

Reduced fee calculation (minimum initial payment \$750): Total number of vehicles/units covered: _____

Aggregate retail sales price of the vehicles/units: \$ _____ x 1% = \$ _____

Check box if an Independent Commercial Importer: ☐ List the VIN of imported vehicles/engines below:

Company Representative: Richard E. Thomas

Signature:

Title: Emission Cert Strategist

Phone/Fax: 248 754 4213

/ 248 754 4207

Date: 05/02/2013

E-mail Address: _____

Submission of payments and forms:

- (1) Online: **Forms** may be found and submitted with or without **payments** online at www.Pay.gov.
(2) By mail: For check payments only, send **checks** and this **form** to:

Environmental Protection Agency
Motor Vehicle and Engine Compliance Program
P.O. Box 979032
St. Louis, MO 63197-9000

- (3) Transmit offline **Wire payments** to the New York Federal Reserve Bank. (See Instructions, p.2)
(4) Transmit offline **ACH payments** to the Federal Reserve Bank of Cleveland. (Instructions, p.2)
(5) **Forms** not submitted under (1) and (2) above can be sent as email attachments to Fees@epa.gov.
Forms and payments sent in ways other than the above may be delayed or ineffective. See the Instructions for sending checks and forms by private mail service (e.g., Federal Express).

The public reporting and recordkeeping burden for this collection of information is estimated to average 18 minutes per response. Send comments on EPA's need for this information, the accuracy of the provided burden estimate, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques, to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., N.W., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed Form 3520-29 to this address.

This form expires: 1/1/2014

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 6/5/2013 2:35:53 PM
Subject: VW Group - Certificate Request EVWXV02.03PA

Hello Jim,

I uploaded the Application and Conditional Certificate Request for the Volkswagen test group EVWXV02.03PA (Bin 3/SULEV). This is a carryover test group from 2013 with the addition of 1.8L engines and related models. It is a conditional certificate request because there are EPA and Manufacturer confirmatory tests pending for FEDV models only. There is no change to the worst case data.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory[Gregory.Allen@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Giles, Michael (EEO)
Sent: Mon 6/3/2013 7:42:18 PM
Subject: RE: VW Group - 1.8L Test Information

Hello Jim,

I also submitted 2 decision information data sets for the Passat (BIN 5 test group EVWXV02.0B5F):

VID	Config	Trans
VW411-4-0166	0	Manual
VW411-4-0168	0	Automatic

Regards

Mike

From: Giles, Michael (EEO)
Sent: Monday, June 03, 2013 1:59 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Allen, Gregory; Thomas, Richard (EEO); Rodgers, William (EEO)
Subject: RE: VW Group - 1.8L Test Information

Hello Jim,

I just submitted Decision Information for the following Jetta 1.8L Models (both are in BIN 5 test group EVWXV02.0B5F):

VID	Config	Trans
VW361-4-0182	0	Automatic
VW361-4-0237	0	Manual

Later today I will send two Passat d.i's (Manual & automatic) for the same test group.

From: Rodgers, William (EEO)
Sent: Monday, June 03, 2013 10:51 AM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Giles, Michael (EEO); Allen, Gregory; Thomas, Richard (EEO)
Subject: VW Group - 1.8L Test Information

Hello Jim,

I have uploaded the 2014 Jetta 1.8L (Bin3/SULEV) Automatic and Manual transmission Fuel Economy Test Information and Decision Information files to Verify for the test group EVWXV02.03PA (yet to be certified). This represents the new base engine for Jetta at the start of 2014 production and replaces the 2.5L I-5 engine used for these models in prior model years.

Both vehicles require manufacturer confirmatory tests for FTP/HWY cycles for high fuel economy for the ETW. We would appreciate your consideration as soon as possible considering the short time before the start of production the first week of July.

VID: VW361-4-0194 config-0, Automatic Trans

VW361-5-0002 config-0, Manual Trans

Note – The fuel economy data for Passat 1.8L models in this test group will be processed in Verify today.

The fuel economy data for Jetta and Passat Federal-only 1.8L models will also be processed today.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Fri 5/31/2013 2:28:56 PM
Subject: VW Group 2.5L Cert Requests

Hello Jim,

I submitted the last of the 2.5L applications and the (4) Certificate Requests. These are the Federal-only versions.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Thomas, Richard (EEO)
Sent: Thur 5/30/2013 2:14:19 PM
Subject: 2014 Audi Cert Fees

Hi Jim;

I spoke with Bill VandenBroek his morning and he found the \$89,544 payment made on the 23rd of May in the system. Please talk to him and you should be set for the three 2014 Audi test groups you have. If you have any questions, please call me.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 5/29/2013 6:39:52 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of May 28, 2013

Hi Dave;

I made the corrections to the two labels.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Wednesday, May 29, 2013 1:02 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's data base as of May 28, 2013

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of May 28, 2013

Heads up:

Attached are the data in Verify as of May 28, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

The next normal posting of 2014 FE Label data will be on June 4, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—**Ex. 6**). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Wed 5/29/2013 5:02:03 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of May 28, 2013
VW Group 2014 FE Guide-all rel dates-no-sales-5-28-2013.xlsx

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of May 28, 2013

Heads up:

Attached are the data in Verify as of May 28, 2013. Labels with pea green fill in the first few columns have errors which need to be corrected before I can have the data posted on www.fueleconomy.gov.

The next normal posting of 2014 FE Label data will be on June 4, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—Ex. 6). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 5/29/2013 12:35:12 PM
Subject: VW group - Certificate Status Check

Hi Jim,

I am just checking to see if we are on the same page with pending certificates. I currently have the following test groups as pending your approval:

EADXV02.03UB

EADXJ02.0FUB

EADXT02.0HUB

EADXJ03.03UF

EVWXV02.0U5N – Lock request with revised Certificate requested

EVWXV02.5M59 – just submitted today

EVWXV02.5A59 – just submitted today

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Giles, Michael (EEO)
Sent: Wed 5/29/2013 12:24:03 PM
Subject: VW Group - Certificate Requests for MY 2014 VW 2.5L Test Groups

Hello Jim,

I just submitted 2 applications and certificate requests for two related BIN 3 / PZEV test groups for 2.5L Golf ,Jetta, Sportwagen , Passat , Beetle and Beetle Convertible:

EVWXV02.5A59 (automatic) / EVWXV02.5M59 (manual)

Each of these test groups include the same two evap familes: EVWXR0110237 and EVWXR0125P46

These test groups are carryover from MY 2013 with no new tests. Please let me know if you have any questions processing these.

Thanks

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: VandenBroek, Willem[vandenbroek.willem@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Stump, Barbara[Stump.Barbara@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 5/22/2013 2:48:44 PM
Subject: RE: EADXT02.0HUB and EADXJ03.03UF

These two, plus the third Audi test group (EADXJ02.0FUB) will be electronically paid today and should be available in the EPA account tomorrow.

From: VandenBroek, Willem [mailto:vandenbroek.willem@epa.gov]
Sent: Friday, May 17, 2013 9:39 AM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim; Stump, Barbara
Subject: Ex. 4 - CBI

Richard,

We noticed that application documents have been submitted for these two families, including their fee filing forms dated 5/2; these will be listed as paid and cleared for review once the payments have been received.

Regards,

Bill

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Tue 5/21/2013 12:45:15 PM
Subject: FW: Fix for CAFE PV submission

Hi Jim;

Not sure if you are there today...so just in case see below and maybe call me.

From: Thomas, Richard (EEO)
Sent: Tuesday, May 21, 2013 8:41 AM
To: 'Peavyhouse, Robert'
Cc: Giles, Michael (EEO)
Subject: RE: Fix for CAFE PV submission

Hello Bob;

I went back and checked these labels to make them so the volumes for the footprint match the CAFE model indexes. Now the corrected PC CAFE is not accepted into Verify. I see now that

Ex. 4 - CBI

I must also change the lockup to "NO" for test

Ex. 4 - CBI

Ex. 4 - CBI

Will it also be necessary to change the original label indexes so that the carline manufacturer configurations agree with the CAFE model indexes?

We have no notice that the two test group certificates were signed, only that they were approved by Jim and sent up for signatures. Both Dave and Jim are out the rest of the week. Are you working the rest of this week? I wanted to interrupt the certificate approval process and make these additional changes but have no one to contact other than yourself.

Best regards,

Richard

From: Peavyhouse, Robert [<mailto:Peavyhouse.Robert@epa.gov>]
Sent: Monday, May 20, 2013 3:50 PM
To: Thomas, Richard (EEO)
Subject: RE: Fix for CAFE PV submission

Richard,

It isn't quite that easy. We need to make modifications to the CAFE/GHG submission as well.

In order for the production volume to be counted for any model type, the Carline Mfr, Division, and Carline have to match the model type.

So you have to change the carline volumes that didn't get counted over to the other Mfr/Division.

For example:

In Model type index #4 was for:

Ex. 4 - CBI

Production volume of **Ex. 4 - CBI**

but the production volume of **Ex. 4 - CBI**

Ex. 4 - CBI

(They exist in the test group now as certified models, which is why we added them as part of step 1 of the fix)

Robert Peavyhouse
Compliance Division
U.S. EPA - Office of Transportation and Air Quality
phone: (734) 214-4814
email: peavyhouse.robert@epa.gov

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Monday, May 20, 2013 2:22 PM
To: Peavyhouse, Robert
Subject: RE: Fix for CAFE PV submission

The certificates for the two 2012 test groups are approved and up for signing. When I know they are signed I will reenter the PC CAFE and see what errors I get.

From: Peavyhouse, Robert [<mailto:Peavyhouse.Robert@epa.gov>]
Sent: Monday, May 20, 2013 7:41 AM
To: Thomas, Richard (EEO)
Cc: Giles, Michael (EEO)
Subject: RE: Fix for CAFE PV submission

Either way you will have to get the certificate re-issued because you changed the carline.

The difference is: If you make one common carline instead of just adding the 2nd carline, then you would have to go back and re-label all of them.

This way you don't have to re-label anything. We can get CAFE to work without having to re-

label.

Robert Peavyhouse
Compliance Division
U.S. EPA - Office of Transportation and Air Quality
phone: (734) 214-4814
email: peavyhouse.robert@epa.gov

From: Thomas, Richard (EEO) [<mailto:Richard.Thomas@vw.com>]
Sent: Friday, May 17, 2013 6:06 AM
To: Peavyhouse, Robert
Cc: Wehrly, Linc; Giles, Michael (EEO)
Subject: RE: Fix for CAFE PV submission

Hi Bob;

We added all the new carline descriptions for the CC, Beetle and Jetta as you asked. Maybe I am missing something here but won't the certificates need to be reissued and how is this better

Ex. 4 - CBI

manufacturer code on a 2014 label and to just change it on the certification information was not enough, the certificate had to be signed again by Linc Wehrly. I am in the office today if you want to try to reach me by phone for the next steps.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

From: Peavyhouse, Robert [<mailto:Peavyhouse.Robert@epa.gov>]
Sent: Thursday, May 16, 2013 10:18 AM
To: Thomas, Richard (EEO)
Subject: Fix for CAFE PV submission

Richard,

I have figured out how to get this submission to work.

When doing the following DO NOT remove any of the certified models that are already there, otherwise you will have to re-label all of them.

Ex. 4 - CBI

(there will be 4 entries; Federal M6, Federal SA6, California M6, California SA6)

Ex. 4 - CBI

(Each model will have 4 entries, similar to above).

You may have to mess with the permissions a little to get those accomplished.

The down side of doing this is that the "CC" will appear on the certificate twice.

The "Jetta" and the "Beetle" will appear on their certificate twice also.

I have already mentioned this to Jim Snyder, so he knows it is coming.

Once they have accepted in Verify and the certificates all exist, fixing the CAFE data should be easy.

Let me know once you have the test groups and certificates all updated and I will walk you through the rest.

Robert Peavyhouse
Compliance Division
U.S. EPA - Office of Transportation and Air Quality
phone: (734) 214-4814
email: peavyhouse.robert@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Mon 5/20/2013 3:25:45 PM
Subject: Cert Fee Payments

Hi Jim,

You mentioned to Mike that you are waiting on some Certification Fee payments to show up. Please let me know if there is anything on our side that is holding things up. It's my understanding that all have been paid but can follow up if not.

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 5/20/2013 1:35:58 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of May 16, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I made the corrections to the five labels and the annual fuel and 5 year fuel cost values. This was **Ex. 4 - CBI** If you can send the query a couple days before you send the data to DOE, in most cases I can resolve any discrepancies.

Best regards,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, May 17, 2013 3:53 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: re: 2014 FE Guide - Errors in EPA's data base as of May 16, 2013 which held up posting on www.fueleconomy.gov

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of May 16, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of May 16, 2013. Labels with pea green fill in the first few columns were not sent to DOE on May 17, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2014 FE Label data will be on June 4, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—plus I'm out of the office on June 3rd). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 5/17/2013 7:53:01 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of May 16, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2014 FE Guide-all rel dates-no-sales-5-16-2013.xlsx](#)

Richard,

re: 2014 FE Guide - Errors in EPA's data base as of May 16, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of May 16, 2013. Labels with pea green fill in the first few columns were not sent to DOE on May 17, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2014 FE Label data will be on June 4, 2013 or so (on a monthly schedule where I run the query on the 1st and 15th of the month—plus I'm out of the office on June 3rd). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Richard.Thomas@vw.com[Richard.Thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Stump, Barbara[Stump.Barbara@epa.gov]
From: VandenBroek, Willem
Sent: Fri 5/17/2013 1:39:25 PM
Subject: Ex. 4 - CBI

Richard,

We noticed that application documents have been submitted for these two families, including their fee filing forms dated 5/2; these will be listed as paid and cleared for review once the payments have been received.

Regards,

Bill

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Haynes, Ben[haynes.ben@epa.gov]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 5/15/2013 1:33:16 PM
Subject: RE: VW Group - Confirmatory Test Reschedule Requested

We will deliver the vehicle on Monday June 17th in hopes of a test date of June 19th.

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, May 14, 2013 3:46 PM
To: Rodgers, William (EEO)
Cc: Haynes, Ben
Subject: RE: VW Group - Confirmatory Test Reschedule Requested

Since its not a diesel or AWD test vehicle, its not dependent on Cell 329. As long as Ben can fit it in that week's schedule.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Tuesday, May 14, 2013 10:54 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory; Thomas, Richard (EEO)
Subject: VW Group - Confirmatory Test Reschedule Requested

Hello Jim,

We would like to move up the confirmatory test for Ex. 4 - CBI to June 19, 2013, with the vehicle arrival to EPA on Monday June 17th. In your absence I discussed the possibility of this change with Ben Haynes who seemed cautiously optimistic. I have submitted a correction to the Decision Information file to reflect the changed vehicle arrival date. Please let us know if in fact this test can be rescheduled.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Giles, Michael (EEO)
Sent: Tue 5/14/2013 9:07:42 PM
Subject: VW Group - Lamborghini Application revision

Hi Jim,

Just a heads up, there is yet another revision of the application for the Lamborghini. We added

Ex. 4 - CBI

Let me know if there are any questions.

Thanks

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Good, David[good.david@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Peavyhouse, Robert
Sent: Mon 5/13/2013 6:57:50 PM
Subject: RE: 2012 VWGoA Passenger Car CAFE

Richard,

I am looking into this right now.

Should know more in an hour or so.

Robert Peavyhouse
Compliance Division
U.S. EPA - Office of Transportation and Air Quality
phone: (734) 214-4814
email: peavyhouse.robert@epa.gov

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Monday, May 13, 2013 9:30 AM
To: Peavyhouse, Robert
Cc: Good, David; Snyder, Jim
Subject: 2012 VWGoA Passenger Car CAFE
Importance: High

Hello Bob;

Now that the passenger car CAFE has been accepted into Verify, I now find problems for model

Ex. 4 - CBI

from the Verify calculation. I think it is related to the volumes in the above label indexes.

The only way I see that we here can fix this problem is to go back to the original certification

Ex. 4 - CBI

number, which might mean new or reissued certificates for these test groups. Do you see any other way around the new business rule?

Best regards,

Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Mon 5/13/2013 6:48:17 PM
Subject: Revised Application

Hi Jim,

I revised the application for test Ex. 4 - CBI which was missing the Cert Fee Filing form.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Rodgers, William (EEO)
Sent: Mon 5/13/2013 2:15:30 PM
Subject: Please Reprocess Certificate - 2014 VW Touareg TDI

Jim,

On Friday I submitted a Certificate LOCK request per the help desk for 2014 test group
Ex. 4 - CBI It seems that changes made to the CSI, related to Manuf. code and Division number, now need a new Certificate processed in order for the Verify fuel economy submission to work. I assume a new signature is not necessary. Let me know once you have completed the reprocessing.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Giles, Michael (EEO)
Sent: Mon 5/13/2013 1:12:44 PM
Subject: RE: VW Group - Certificate Request for MY2014 Lamborghini Test

Ex. 4 - CBI

Hello Jim,

As we discussed, I just sent in a revision (R02) for the Lamborghini application and new cert request this morning.

Thanks again for the help.

Regards,

Mike

From: Giles, Michael (EEO)
Sent: Friday, May 10, 2013 9:09 AM
To: Snyder, Jim
Cc: Rodgers, William
Subject: VW Group - Certificate Request for MY2014 Lamborghini Test

Ex. 4 - CBI

Hello Jim,

Today we submitted a certificate request for carryover Lamborghini test

Ex. 4 - CBI

Ex. 4 - CBI

Please review and let us know if you have questions.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Thur 5/9/2013 7:10:08 PM
Subject: FW: Certificate [Ex. 4 - CBI] has been issued

Hi Jim,
Can you send us a copy of this Certificate. It went to Bob Hart's Verify inbox which I thought we had deactivated but did not for Bugatti. Therefore we can't access it.

Thanks,
Bill

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Tuesday, April 30, 2013 3:38 PM
To: Rodgers, William (EEO); Hart, Robert (VWoA); Giles, Michael (EEO)
Subject: Certificate [Ex. 4 - CBI] has been issued

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

[Ex. 4 - CBI]
been issued. A copy of the signed certificate is attached below.

The Verify submission this message relates to has the following values:

[Ex. 4 - CBI]

The following transaction identifier has been assigned to this request:

[Ex. 4 - CBI]

Please do not reply to this message.

Includes Personal Email Addresses, ex 6

Includes Personal Email Addresses, ex 6

Long List Includes Personal Email Addresses, ex 6

Long List Includes Personal Email Addresses, ex 6

From: Giedrius Ambrozaitis
Sent: Thur 12/12/2013 8:36:35 PM
Subject: SCR Stakeholder Group -- Special ISO Comment Meeting January 7
[SCR Stakeholder Mtg Agenda January 7, 2014.doc](#)
[SCR Stakeholder group email list - October 2013.xls](#)

This is a notice for a special meeting of the SCR Stakeholder Group to collect and condense comments to ISO on changes to Parts 1, 2 and 3 of ISO Standard 22241.

The meeting will be held on January 7 2014 at 12:00 noon eastern at the American Petroleum Institute (API) offices in Washington DC (1220 L Street, NW, Washington, DC 20005-4070). An agenda is attached.

The conference call number will be 1-866-443-0059 with code 2026828233# .

The US representative to ISO is Zafar Shaikh, the head of SAE (Society of Automotive Engineers) Exhaust Aftertreatment and Emissions Committee (and also a powertrain manager at Ford). Zafar has requested that any and all recommended changes to Parts 1, 2 and 3 of ISO 22241 be submitted to him by January 15th. He further strongly recommends that any recommendations for changes to the current standards be substantiated with data and reasoning to support them.

The API Task Force will be meeting on December 20th to discuss changes. These changes will be brought forward into the January 7 SCR Stakeholder Group meeting and onto Zafar Shaikh and ISO.

If you or your company has recommendations for changes, please be sure to bring those changes with substantiation to either of these upcoming meetings.

A meeting date for the next regular meeting of the SCR Stakeholder Group meeting will be circulated shortly.

=====

The SCR Stakeholder Group (formerly called the Urea Stakeholder Group) is made up of industries, organizations and companies interested in urea for mobile source applications.

Participants include:

- Government (US Department of Energy, EPA)
- Automotive and heavy-duty engine and truck manufacturer trade associations
- Fuel retailer and truck stop trade associations
- Oil companies
- Urea distributors
- Petroleum dispenser manufacturers and associations

The main objectives of the SCR Stakeholder Group are:

- To exchange information with US government and other potential urea stakeholders on the potential market and need for urea availability.
- To consider effective education and outreach to consumers and commercial concerns about urea, its use and availability.
- To engage potential providers of urea availability to determine the conditions necessary for provision of retail availability before a profitable market exists.

If you have any questions concerning the SCR Stakeholder Group or the meeting, please call me at (248) 915-8836.

Sincerely,

Giedrius Ambrozaitis
Director, Environmental Affairs
Alliance of Automobile Manufacturers
Tel. (248) 915-8836
email: gambrozaitis@autoalliance.org

Agenda
Special SCR Stakeholder Group Meeting
January 7, 2014

Location:

American Petroleum Institute

1220 L Street, NW Washington, DC 20005-4070

Conference call number (for all meetings):

1-866-443-0059 with code 2026828233#

Agenda

Lunch - 11:30 am Eastern

Special SCR Stakeholder Group Meeting (12:00 pm - 3:00 pm)

1. Introduction/Roll Call/Antitrust	Harmening/Ferrick/Ambrozaitis	1 min
2. Recommended changes to Parts 1, 2 and 3 of ISO 22241 - Changes from Dec 20 API Task Force meeting - Other new changes - Collate changes in to document for Zafar Shaikh SAE for ISO - Next steps	Harmening/Thomas	3 hours

To: Good, David[good.david@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Thomas, Richard (EEO)
Sent: Fri 5/31/2013 2:07:50 PM
Subject: 2012 VWGoA LDT and PC Final CAFE Reports
[Final CAFE 2012 LDT to EPA .pdf](#)
[Final CAFE 2012 PC to EPA .pdf](#)

Hello Dave;

Please find attached the Volkswagen Group of America, Inc. Final LDT category CAFE report. This cover letter and report has been entered into the documents section of Verify. There will be a revision to the LDT GHG report previously submitted in March 2013.

In a separate cover letter please find both Import and Domestic, Passenger Car category 2012 reports. This document has also been uploaded to the Verify compliance documents section.

If you have any questions, please feel free to call me.

Best regards,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

VOLKSWAGEN

GROUP OF AMERICA

Mr. Linc Wehrly
Compliance and Innovative Strategies Division
Light-Duty Vehicle Group
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Mr. Oliver Schmidt Name
General Manager Title
EEO Department
248 754 4201 Phone
248 754 4207 Fax
Oliver.Schmidt@vw.com E-Mail

May 30, 2013 Date

Subject: VOLKSWAGEN Group 2012 Final LDT CAFE Report

Enclosed is the manufacturer's calculation for the 2012 final fuel economy average. This calculation is provided for the Volkswagen Group Import Truck category and in accordance with the regulations contained in 40 CFR 600.510-12. The final CAFE value is based upon approved EPA fuel economy data and final production volumes for the 2012 model year.

The report has been successfully processed in and submitted through Verify. The Volkswagen Group reformed LDT CAFE standard is **26.9** MPG for the 2012 model year in accordance with 49 CFR 533.5 (h).

The final Volkswagen Group Import Truck CAFE value is **27.4** MPG.

If you have any questions or require additional information, please contact me or Richard Thomas of my staff at (248) 754-4213 or email Richard.Thomas@VW.com.

Sincerely,
VOLKSWAGEN Group of America, Inc.



Mr. Oliver Schmidt, General Manager
Engineering and Environmental Office

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE +1 248 754 5000

Attachments

2012 FINAL CAFE-IMPORT TRUCK VOLKSWAGEN GROUP MANUFACTURER AVERAGE CALCULATION

Calculate fuel economy average of domestically and non-domestically produced automobiles where:

$$\text{Import Average IAFE} = \frac{\text{TIPA}}{n} = 27.4 \text{ MPG (unadjusted)}$$

$$\sum_{\text{MT}=1} \frac{\text{IMT}}{\text{FEMT}}$$

IAFE	Average fuel economy of non-domestically produced trucks.
TIPA	Total number of trucks produced or imported for sale in the United States.
IMT	Number of trucks of a model type produced or imported.
FEMT	Fuel economy, MPG for a model type.
MT	Model type
n	Total number of model types imported (as applicable in a manufacturer's model year).

$$\text{IAFE (unadjusted)} = \frac{64,882}{2367.3435} = 27.4071 \text{ MPG}$$

Brand	Carline	Engine	DISP	Trans	IW	CITY	HWY	ROUNDED COMB	SALES	Weighted Sales/MPG
Audi	Q5 (330)	2.0L TFSI	2.0 / 121	S8	4500	24.6000	35.9000	28.7	21,506	749,3380
Audi	Q5 (330)	3.2L V6 FSI	3.2 / 195	S6	4500	22.7000	30.7000	25.7	12,374	481,4786
Audi	Q7 (320)	3.0L TDI	3.0 / 181	S8	6000	21.2000	36.0000	26.0	3,416	131,3846
Audi	Q7 (320)	3.0L TFSI	3.0 / 183	S8	6000	19.2458	29.8077	22.9	5,535	241,7031
Volkswagen	Tiguan 4MOTION (165)	2.0L TFSI	2.0 / 121	S6	4000	26.8566	37.4347	30.8	11,600	376,6234
Volkswagen	Touareg (140)	3.0L TDI	3.0 / 181	S8	5000	23.4000	40.7000	28.9	5,528	191,2803
Volkswagen	Touareg (140)	3.6L VR6 FSI	3.6 / 195	S8	5000	21.3000	31.6000	25.0	4,618	184,7200
Volkswagen	Touareg Hybrid (145)	3.0L V6 (FSI Hybrid)	3.0 / 183	S8	5500	25.1000	33.1000	28.2	305	10,8156
Volkswagen Group Total Units									64,882	2,367,3435
Unrounded Fleet CAFE									27,4071	
VWGoA Fleet CAFE (MPG)									27.4	

To: Spears, Matthew[spears.matthew@epa.gov]; Charmley, William[charmley.william@epa.gov]; Wehrly, Linc[wehrly.linc@epa.gov]; Nevers, Chris[nevers.chris@epa.gov]
From: Johnson, Stuart (EEO)
Sent: Fri 5/17/2013 7:05:30 PM
Subject: DEF Refill INterval
VW Group DEF Refill Update May-2013.pdf

Gentleman,

I was encouraged to hear the comments made on Tuesday at the EPA workshop regarding the DEF refill interval for light duty vehicles. It sounded like there was some optimism that a shorter refill interval will be approved.

Attached please see some additional slides we have prepared regarding light duty DEF refill intervals. My colleagues in Germany have offered to participate in a conference call with you on this topic. If you have any questions or want to have a conference call I can set that up for next week. Please let me know.

We appreciate the discussion on this topic.

Best Regards,

Stuart

To: Charmley, William[charmley.william@epa.gov]
Cc: Wehrly, Linc[wehrly.linc@epa.gov]; Nevers, Chris[nevers.chris@epa.gov]
From: Johnson, Stuart (EEO)
Sent: Tue 4/9/2013 5:50:22 PM
Subject: Current VW SCR capacities

Hello Bill,

Last week you asked me for the capacities of the DEF tank on the VW models that currently use SCR.

VW Passat: 18.5 liters

VW Touareg: 20 liters

Audi Q7: 24 liters split into two tanks

The Passat and Touareg have the tank in the spare tire well.

Ex. 4 - CBI

Ex. 4 - CBI

The Audi Q7 already splits the DEF storage into two tanks

Ex. 4 - CBI

Ex. 4 - CBI One tank is under floor and the other is in the right rear fender well. The under floor

Ex. 4 - CBI

Ex. 4 - CBI

Let me know if you have any questions,

Best Regards,

Stuart

To: Wehrly, Linc[wehrly.linc@epa.gov]
From: Harris, Dale (EEO)
Sent: Wed 3/20/2013 6:58:22 PM
Subject: MY 2012 NOx Fleeta Average - VW
2012 Final Nox Fleet Average Report.pdf

Mr. Wehrly

Attached is the MY2012 NOx Fleet Average Report from VWGoA. Please let me know if there are any questions or concerns. Thanks!!!

Regards,

Dale Harris

Certification Specialist

VOLKSWAGEN Group of America, Inc.

Engineering and Environmental Office (EEO)
3800 Hamlin

AuburnHills Michigan 48326

United States of America

P: +1 248 754-4218

E: Dale.Harris@vw.com

VOLKSWAGEN

GROUP OF AMERICA

Mr. Linc Wehrly
Compliance and Innovative Strategies Division
Light-Duty Vehicle Group
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan

Leonard Kata	Name
Manager	Title
EEO	Department
248-754-4204	Phone
248-754-4207	Fax
Leonard.kata@vw.com	E-Mail

March 15, 2013 Date

Subject: NOx Fleet Average Report for the 2012 Model Year

Dear Mr. Wehrly,

Please find attached the 2012 Volkswagen Group NOx Fleet Average report and completed EPA MS Excel spreadsheet. The 2012 Volkswagen Group fleet has a NOx fleet average credit of 2,389. The 2011 carryover NOx credit 7,462, resulting in a total of 9,851 NOx banked credits.

With regard to the EPA template spreadsheet, the total does not include the HLDT volume as we believe it should be included in model years after 2008, reference 86.1860-04 (f)(ii).

However, all the HLDT test groups are certified to the Tier 2 BIN 5, 0.07 g/mi NOx standard. This does not affect the earned NOx credits that are included on this sheet as all our credit earning BIN 3 models are in the LDV/LDT category.

We wish to bank the above total of 9,851 credits for future use.

Please contact me at (248) 754-4204, if you would like to discuss any aspects of this submission.

Sincerely,



Leonard Kata
Engineering and Environmental Office

Enclosure

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE (1) 248 754 5000

Manufacturer Name	Model Year	INTERIM LDV/LLDT CREDITS			INTERIM HLD/MDPV CREDITS		
		Interim LDV/LLDT Credits (Deficits) - Current MY	Interim LDV/LLDT Credit (Deficits) Carryover - Previous MYs	Total Interim LDV/LLDT Credits (Deficits)	Interim HLD/MDPV Credits (Deficits) - Current MY	Interim HLD/MDPV Credit (Deficits) Carryover - Previous MYs	Total Interim HLD/MDPV Credits (Deficits)
VOLKSWAGEN GROUP	2012	0		0	0	0	0

Summary

3/20/2013

TIER 2 LDV/LLDT CREDITS				TIER 2 HLD/MDPV CREDITS - Early Banking			
Tier 2 LDV/LLDT Credits (Deficits) - Current MY	Tier 2 LDV/LLDT Credit (Deficit) Carryover - Previous MYS	Tier 2 LDV/LLDT Credits to be applied to Interim LDV/LLDT deficit, if applicable	Total Tier 2 LDV/LLDT Credits (Deficits)	Early Banking Credits - Tier 2 HLD/MDPV - Current MY	Early Banking Carryover Credits - Tier 2 HLD/MDPV - Previous MYS	Tier 2 HLD/MDPV Credits to be applied to Interim HLD/MDPV deficit, if applicable	Total Tier 2 HLD/MDPV Early Banking Credits
2,389	7,462	0	9,851	0	0	0	0

Summary

3/20/2013

[illegible]

Total Sales - Tier 2 LDV/LLDT Evap	296,809
Total Sales - All LDV/LLDT Evap	296,809
Phase-In % - Tier 2 LDV/LLDT Evap	100.0%

To: Wehrly, Linc[wehrly.linc@epa.gov]
From: Harris, Dale (EEO)
Sent: Wed 3/20/2013 6:55:37 PM
Subject: MY 2012 NOx Fleeta Average - VW
2012 Final NMOG Report.pdf

Mr. Wehrly

Attached is the MY2012 NOx Fleet Average Report from VWGoA. Please let me know if there are any questions or concerns. Thanks!!!

Regards,

Dale Harris

Certification Specialist

VOLKSWAGEN Group of America, Inc.

Engineering and Environmental Office (EEO)
3800 Hamlin

AuburnHills Michigan 48326

United States of America

P: +1 248 754-4218

E: Dale.Harris@vw.com

VOLKSWAGEN

GROUP OF AMERICA

Mr. Linc Wehrly
Compliance and Innovative Strategies Division
Light-Duty Vehicle Group
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan

Leonard Kata	Name
Manager	Title
EEO	Department
248-754-4204	Phone
248-754-4207	Fax
Leonard.kata@vw.com	E-Mail

March 15, 2013 Date

Subject: NOx Fleet Average Report for the 2012 Model Year

Dear Mr. Wehrly,

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However, all the HLDT test groups are certified to the Tier 2 BIN 5, 0.07 g/mi NOx standard. This does not affect the earned NOx credits that are included on this sheet as all our credit earning BIN 3 models are in the LDV/LDT category.

We wish to bank the above total of 9,851 credits for future use.

Please contact me at (248) 754-4204, if you would like to discuss any aspects of this submission.

Sincerely,



Leonard Kata
Engineering and Environmental Office

Enclosure

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE (1) 248 754 5000

Manufacturer Name	Model Year	INTERIM LDV/LLDT CREDITS			INTERIM HLD/MDPV CREDITS		
		Interim LDV/LLDT Credits (Deficits) - Current MY	Interim LDV/LLDT Credit (Deficits) Carryover - Previous MYs	Total Interim LDV/LLDT Credits (Deficits)	Interim HLD/MDPV Credits (Deficits) - Current MY	Interim HLD/MDPV Credit (Deficits) Carryover - Previous MYs	Total Interim HLD/MDPV Credits (Deficits)
VOLKSWAGEN GROUP	2012	0		0	0	0	0

Summary

3/20/2013

TIER 2 LDV/LLDT CREDITS				TIER 2 HLD/MDPV CREDITS - Early Banking			
Tier 2 LDV/LLDT Credits (Deficits) - Current MY	Tier 2 LDV/LLDT Credit (Deficit) Carryover - Previous MYS	Tier 2 LDV/LLDT Credits to be applied to Interim LDV/LLDT deficit, if applicable	Total Tier 2 LDV/LLDT Credits (Deficits)	Early Banking Credits - Tier 2 HLD/MDPV - Current MY	Early Banking Carryover Credits - Tier 2 HLD/MDPV - Previous MYS	Tier 2 HLD/MDPV Credits to be applied to Interim HLD/MDPV deficit, if applicable	Total Tier 2 HLD/MDPV Early Banking Credits
2,389	7,462	0	9,851	0	0	0	0

Summary

3/20/2013

Total Sales - Tier 2 HLDT/MDPV Evap	16,605
Total Sales - All HLDT/MDPV Evap	16,605
Phase-In % - Tier 2 HLDT/MDPV Evap	100.0%

3/20/2013

To: leonard.kata@vw.com[leonard.kata@vw.com]
From: Wehrly, Linc
Sent: Fri 4/26/2013 6:35:08 PM
Subject: Diesel PHEV question

Len,

Sorry it has taken so long to respond to your question about diesel SCR DEF freeze protection for your diesel powered PHEV. Unfortunately I don't have a good response. To be frank, we haven't contemplated what to do about freeze protection for a SCR system in a PHEV. My initial thoughts are that CISD-07-07 suggests that manufacturers need to ensure a minimal thaw time, although we never defined what minimal meant for light-duty vehicles. I think the best thing would be for us to have a meeting to discuss how your system works, what the challenges are, and what, if any, recommendations you have.

Thanks.

Linc

Linc Wehrly

Director, Light-Duty Vehicle Center

Compliance Division

Office of Transportation and Air Quality

United States Environmental Protection Agency

(734) 214-4286

wehrly.linc@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]
From: Giles, Michael (EEO)
Sent: Tue 7/2/2013 7:26:16 PM
Subject: FW: Missing an FTP test (HLP-4164)

From: Giles, Michael (EEO)
Sent: Tuesday, July 02, 2013 3:26 PM
To: 'Verify Help Desk'; Rodgers, William (EEO)
Cc: Allen, Gregory; Thomas, Richard (EEO) (Richard.Thomas@vw.com)
Subject: RE: Missing an FTP test (HLP-4164)

Thanks [Ex. 6] It looks like the last FTP has not made it into VERIFY yet.

@ David or Jim, could you check the status for us? Earlier, David gave us a reference number for the FTP: #2013-0217-010

Thanks,

Mike

From: [Ex. 6] On Behalf Of Verify Help Desk
Sent: Tuesday, July 02, 2013 3:17 PM
To: Rodgers, William (EEO)
Cc: Allen, Gregory; Giles, Michael (EEO)
Subject: Re: Missing an FTP test (HLP-4164)

Hello Mr. Rodgers,

I only see the following EPA tests in the system for vehicle E3UF-SQ5 / 0 :

EADX91001828
EADX91001829

EADX91001844

You may want to contact your EPA Cert Rep regarding the EPA FTP test.

Ex. 6

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

"Rodgers, William (EEO)" ---07/02/2013 12:10:25 PM---"Rodgers, William (EEO)"
<William.Rodgers@vw.com>

"Rodgers, William (EEO)"
<William.Rodgers@vw.com>

07/02/2013 12:10 PM Verify Help Desk@CSC

cc:Giles, Michael (EEO)" <michael.giles@vw.com>, "Allen, Gregory" <Gregory.Allen@vw.com>

~~Subject~~ing an FTP test

Ex. 6

The last test listed (1844) hit my inbox but we are missing an FTP test that should have been input by Ann Arbor but I'm not sure if they did.

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

The status of your submission is shown below:

- Submission

- Document Name: [LightDutyDecisionInformationSubmission.xml](#)
- Transaction Id: [_e159509e-01a7-4499-8a2c-fee7e6f38be9](#)
- Date Originally Submitted: 05/14/2013

- Status History

Date	Status	Description
Tue 05/14/2013 10:46 AM	Completed	<p>Your recent Decision Information submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p> <p>The following is a summary of the processing report:</p> <p>Total Datasets Submitted: 1 Accepted Datasets: 1 Rejected Datasets: 0</p>
Wed 05/15/2013 10:03 AM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Wed 05/15/2013 11:03 AM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Wed 05/15/2013 12:03 PM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Wed 05/15/2013 1:03 PM	Completed	<p>Confirmatory Test Date has been set for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/20/2013.</p>
Thu 06/20/2013 4:19 PM	Completed	<p>EPA has completed Test Number EADX91001828 on Vehicle E3UF-SQ5 / 0. The Test Results report can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p>
Thu 06/20/2013 4:20 PM	Completed	<p>EPA has completed Test Number EADX91001829 on Vehicle E3UF-SQ5 / 0. The Test Results report can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p>
Mon 06/24/2013 7:56 AM	Completed	<p>A Retest has been requested for the following vehicle : Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0</p>

Wed 06/26/2013 11:48 AM Completed Confirmatory Test Date has been set for the following vehicle :
Manufacturer: ADX Vehicle ID: E3UF-SQ5 Vehicle Configuration: 0 The test date is 06/28/2013.

Mon 07/01/2013 10:48 PM Completed EPA has completed Test Number EADX91001844 on Vehicle E3UF-SQ5 /0. The Test Results report can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.

-

- Returned Documents

- ☐ [SubmissionProcessingReport.xml](#)
- ☐ [VerifyTestResultReport_EADX91001828_r1.xml](#)
- ☐ [VerifyTestResultReport_EADX91001829_r1.xml](#)
- ☐ [VerifyTestResultReport_EADX91001844_r1.xml](#)

To: Wright, DavidA[Wright.DavidA@epa.gov]
From: Giles, Michael (EEO)
Sent: Tue 7/2/2013 6:41:00 PM
Subject: FW: SQ5 test result
EPA US06 EADX91001844 Retest-Report - E3UF-SQ5_7-01-13.pdf

Hello David,

Could you please also send us the PDF of the lab report for the attached US06 test?

Thanks,

Mike

Test Information Details

Information Process Code : N

Test Number Identifier : EADX91001844

LOD Test Number Text : 20130217011

EPA Manufacturer Code : ADX

Vehicle Identification Text : E3UF-SQ5

Vehicle Configuration Number : 0

Test Data Details

Test Date : 20130628

Test Procedure Identifier : 90

Test Fuel Type Identifier : 61

Odometer Start Value : 4660.0

Correction Units Code : M

Analytically Derived Indicator : N

Four Wheel Drive Dynamometer Indicator : N

EPA Dynamometer Number Text : D329

Fuel Batch Properties Details

Fuel Batch Manufacturer Code : LOD

Fuel Batch Identifier : F00023

Fuel Calibration Number : 289

Retest Indicator : N

**Manufacturer Comment Text : TC N2O , CREE, and OPT-CREE set to default valuesTC
(NMOG=1.04xNMHC)**

Fuel Economy Value Unit Identifier : MPG

Emission Test Details

Test Result Identifier : METHANE

Unrounded Result Value : 0.0086822

Emission Test Details

Test Result Identifier : CREE

Unrounded Result Value : 0.0000000

Emission Test Details

Test Result Identifier : HC-TOTAL

Unrounded Result Value : 0.0409302

Emission Test Details

Test Result Identifier : CO2 BAG 1

Unrounded Result Value : 689.7613473

Emission Test Details

Test Result Identifier : CO

Unrounded Result Value : 2.8859612

Emission Test Details

Test Result Identifier : CO2
Unrounded Result Value : 441.2838284

Emission Test Details
Test Result Identifier : HC-NM
Unrounded Result Value : 0.0321262

Emission Test Details
Test Result Identifier : FE BAG 2
Unrounded Result Value : 23.8205039

Emission Test Details
Test Result Identifier : NMOG+NOX
Unrounded Result Value : 0

Emission Test Details
Test Result Identifier : NOX
Unrounded Result Value : 0.0203310

Emission Test Details
Test Result Identifier : MFR FE
Unrounded Result Value : 20.0310898

Emission Test Details
Test Result Identifier : HC-NM+NOX
Unrounded Result Value : 0.0524571

Emission Test Details
Test Result Identifier : N2O
Unrounded Result Value : 0.0100000

Emission Test Details
Test Result Identifier : NMOG
Unrounded Result Value : 0.0334112

Emission Test Details
Test Result Identifier : OPT-CREE
Unrounded Result Value : 0.0000000

Emission Test Details
Test Result Identifier : CO2 BAG 2
Unrounded Result Value : 370.7318280

Emission Test Details
Test Result Identifier : FE BAG 1
Unrounded Result Value : 12.8145753

From: Snyder, Jim
Required Attendees: Ott, William; Dalton, Joel; Wright, DavidA;
Leonard.Kata@vw.com
Optional Attendees: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen teleconference on BEV and PHEVs
Start Date/Time: Wed 11/20/2013 2:00:00 PM
End Date/Time: Wed 11/20/2013 3:30:00 PM

For those interested. Phone conference with VW and Audi. Presentation on VW BEV and discuss Audi PHEV testing.

.A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- * e-Golf Presentation
- * PHEV Test Procedures

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 5/9/2013 11:41:19 AM
Subject: VW Group - Decision Information Submitted

Hi Jim,

I submitted a set of fuel economy tests and decision Information for the 2014 **Ex. 4 - CBI**
Ex. 4 - CBI low volume high performance variant of
the Audi Q5 SUV, which includes **Ex. 4 - CBI**

A manufacturer confirmatory test is required for the Highway cycle based on high FE for the ETW.

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Allen, Gregory[Gregory.Allen@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 5/7/2013 7:05:53 PM
Subject: New Verify User for VW Group
[NewVerifyUserList Cover-2013 Greg Allen.pdf](#)
[VW Group Verify user-info-20130507.xls](#)

Hello Jim,

A 2-day Fed Ex is in the mail to you with the necessary documents to add the following VW staff member as a Verify user:

I have also attach the documents to this message. Please let us know when his user names are established.

Greg Allen, Certification Analyst (248) 754-4209

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

VOLKSWAGEN

GROUP OF AMERICA

Verify Team
OAR/OTAQ/CISD
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Leonard W. Kata Name
Manager Title
EEO Department
248-754-4204 Phone
248-754-4207 Fax
leonard.kata@vw.com E-Mail

May 7, 2013 Date

Subject: CROMERR Documents

Dear Verify Team,

The enclosed documents are the completed CROMERR signature forms for the Verify System for the entire Volkswagen Group of America including Audi, Volkswagen, Bentley, Bugatti and Lamborghini.

Greg Allen is a new addition to our list of approved users for Audi, Volkswagen, Bentley, Bugatti and Lamborghini.

If you have any questions with regard to this information please contact our office in Auburn Hills at (248) 754-4219 or (248) 754-4204.

Sincerely,



Leonard Kata
Volkswagen Group of America, Inc.

Enclosures

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE +1 248 754 5000

Electronic Signature Agreement (ESA)

To be signed and submitted by a
Verify Submitter

1. I agree to protect the electronic signature credential, consisting of my Central Data Exchange (CDX) user identification and password, from use by anyone except me. Specifically, I agree to maintain the secrecy of the password; I will not divulge or delegate my user name and password to any other individual; I will not store my password in an unprotected location; and I will not allow my password to be written into computer scripts to achieve automated login.
2. I agree that if I have any reason to believe that the security of my User ID or Password has been compromised I will inform U.S. EPA by calling the CDX Help Desk at 1-888-890-1995 as soon as possible, but no later than 24 hours after I learn of the problem.
3. I agree to maintain an electronic mail account; if any e-mail sent to me by U.S. EPA is returned as undeliverable, I will explain this occurrence when requested by U.S. EPA. I understand that I will be informed through this e-mail address whenever my user identification or password has been modified.
4. I understand that CDX reports the last date my user identification and password were used immediately after successfully logging into CDX.
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11. I agree to notify U.S. EPA if I cease to represent the regulated entity specified below, by sending an e-mail message to verify@epa.gov with "Verify Account Termination" in the subject line.
12. I agree that I will be held legally bound, obligated, and responsible for any submittal made through my user account using the Verify System, as though I were making such a submittal in hardcopy form with my handwritten signature as certification.
13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: 

Printed Name: Greg Allen

Title: Certification Analyst

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: gregory.allen@vw.com

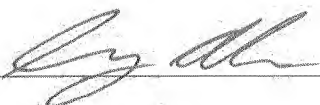
Telephone Number: 248-754-4209 Date: 5/7/2013

CDX User ID: **Ex. 6**

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13. I agree to retain a copy of this signed agreement as long as I continue to represent the regulated entity specified above as signatory of the company's electronic submissions.

Signature: 
Printed Name: Greg Allen
Title: Certification Analyst
Company: Volkswagen Group of America, Inc.
Address: 3800 Hamlin Road
City, State, Zip: Auburn Hills, MI, 48326
E-mail Address: gregory.allen@vw.com
Telephone Number: 248-754-4209 Date: 5/7/2013
CDX User ID: **Ex. 6**

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Signature: 

Printed Name: Greg Allen

Title: Certification Analyst

Company: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

City, State, Zip: Auburn Hills, MI, 48326

E-mail Address: gregory.allen@vw.com

Telephone Number: 248-754-4209 Date: 5/7/2013

CDX User ID: **Ex. 6**

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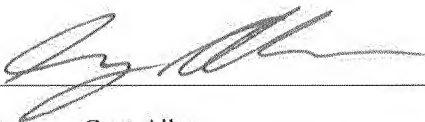
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Address: 3800 Hamlin Road
City, State, Zip: Auburn Hills, MI, 48326
E-mail Address: gregory.allen@vw.com
Telephone Number: 248-754-4209 Date: 5/7/2013
CDX User ID: Ex. 6

To: Snyder, Jim[Snyder.Jim@epa.gov]; Nevers, Chris[nevers.chris@epa.gov]
From: Johnson, Stuart (EEO)
Sent: Tue 5/7/2013 12:35:31 PM
Subject: FW: EPA presentation new PHEV
Presentation MQB PHEV 2013 EPA.pdf

Hello,

Presentation for today's conference call.

Best Regards,

Stuart

From: Tamborra, Nick (EEO)
Location: Online Meeting
Importance: Normal
Subject: EPA-VW PHEV Meeting
Start Date/Time: Tue 5/7/2013 1:00:00 PM
End Date/Time: Tue 5/7/2013 2:00:00 PM

EPA-VW PHEV Meeting

[Join online meeting](#)

Non-Responsive

Join by Phone

Non-Responsive

[Find a local number](#)

Non-Responsive

[Forgot your dial-in PIN?](#) | [First online meeting?](#)

{OC(1033)}!

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Tue 4/30/2013 11:26:45 AM
Subject: RE: VW Group - New certificate requests

Thanks. We'll check the VW payment status and let you know if it went through today.

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, April 29, 2013 3:24 PM
To: Rodgers, William (EEO)
Subject: RE: VW Group - New certificate requests

Thanks for the heads up. I'll keep an eye out for them.

There are a lot of cert apps in the queue. I can approve the Audis and Bugatti but the VW don't show payment yet.

Ex. 6

-Jim

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, April 29, 2013 8:25 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: VW Group - New certificate requests

Hello Jim,

As you might have seen we have submitted several 2014 applications and certificate requests for

Ex. 6

One point I wanted to draw your attention to is the request for test group **Ex. 4 - CBI** This is the first of three test groups you will see with the all-new 1.8L engine included as fuel economy vehicles. The FE test data you were interested in confirming will start arriving soon for these models.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 4/19/2013 1:25:57 PM
Subject: RE: 2013 FE Guide - Errors in EPA's data base as of April 12, 2013 which held up posting on www.fueleconomy.gov

I made the correction to this label 135 a couple of days ago.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Monday, April 15, 2013 1:29 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: Re: 2013 FE Guide - Errors in EPA's data base as of April 12, 2013 which held up posting on www.fueleconomy.gov

Richard,

Re: 2013 FE Guide - Errors in EPA's data base as of April 12, 2013 which held up posting on www.fueleconomy.gov

Attached are the 2013 FE Label data in Verify as of April 12, 2013 (new and uncorrected labels since 3/1/2013 only). Labels with pea green fill in the first few columns were not sent to DOE on April 15, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2013 FE Label data will be in June 4, 2013. If you need an important 2013 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 4/17/2013 11:25:41 AM
Subject: RE: Certification Request for Bugatti

Jim,

It looks like the Bugatti certification fee payment was delayed for some reason. We are trying to get it pushed through today so you can sign off before next week.

We will let you know when the payment goes through.

Regards,

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, April 16, 2013 3:30 PM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO)
Subject: RE: Certification Request for Bugatti

I see all five.

FYI, I will be gone all next week.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, April 16, 2013 3:04 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: Certification Request for Bugatti

Hello Jim,

I submitted a Bugatti (manuf. code = BGT) Certificate Request to Verify but have not received a

confirmation of accepted request. Did you received this request?

PS- I also submitted 4 Audi certification requests that seem to have gone through fine.

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Tue 4/16/2013 7:30:49 PM
Subject: RE: Certification Request for Bugatti

Thanks

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, April 16, 2013 3:30 PM
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Cc: Giles, Michael (EEO)
Subject: RE: Certification Request for Bugatti

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Sent: Tuesday, April 16, 2013 3:04 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
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Bill Rodgers

VWGoA EEO

(248) 754-4219

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Mon 4/15/2013 5:29:25 PM
Subject: Re: 2013 FE Guide - Errors in EPA's data base as of April 12, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2013 FE Guide-new since 3-1-13 only-all rel dates-no-sales-4-12-2013.xlsx](#)

Richard,

Re: 2013 FE Guide - Errors in EPA's data base as of April 12, 2013 which held up posting on www.fueleconomy.gov

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Please make any needed corrections when you get a chance.

Thanks

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Fri 4/12/2013 11:15:31 AM
Subject: RE: Test results for Ex. 4 - CBI

Good morning Bill,

Thanks for the note. I'll release the vehicle this morning and you can pick it up any time. It's in the West lot and you may pick up the keys from Security.

Have a good weekend!

Vince Mazaitis

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Friday, April 12, 2013 7:13 AM
To: Mazaitis, Vincent
Cc: Giles, Michael (EEO); Snyder, Jim
Subject: RE: Test results for Ex. 4 - CBI

Hello Vince and Jim,

We will not request a retest of the Beetle and accept the original manufacturer test results as the official values. Please release the vehicle and let us know when we can retrieve it.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

From: Mazaitis, Vincent [<mailto:mazaitis.vincent@epa.gov>]

Sent: Thursday, April 11, 2013 12:45 PM

To: Rodgers, William (EEO)

Cc: Giles, Michael (EEO); Snyder, Jim

Subject: RE: Test results for **Ex. 4 - CBI**

Hello Bill,

Please find enclosed the Laboratory Test Data for the Subject vehicle. Sorry for the delay!

Best regards,

Vince Mazaitis

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]

Sent: Thursday, April 11, 2013 8:14 AM

To: Snyder, Jim

Cc: Mazaitis, Vincent; Giles, Michael (EEO)

Subject: Test results for **Ex. 4 - CBI**

Hello Jim,

Can you send us the lab result sheets for yesterday's confirmatory testing. Thanks

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]
From: Mazaitis, Vincent
Sent: Thur 4/11/2013 4:44:45 PM
Subject: RE: Test results for VID VW324-30108
VW324 30108 4-10-13.pdf

Hello Bill,

Please find enclosed the Laboratory Test Data for the Subject vehicle. Sorry for the delay!

Best regards,

Vince Mazaitis

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Thursday, April 11, 2013 8:14 AM
To: Snyder, Jim
Cc: Mazaitis, Vincent; Giles, Michael (EEO)
Subject: Test results for VID VW324-30108

Hello Jim,


Can you send us the lab result sheets for yesterday's confirmatory testing. Thanks

Bill Rodgers

VWGoA EEO

(248) 754-4219

CERT

NVFEL Laboratory Test Data								CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data								
Test Number: 2013-0130-001				Vehicle ID: VW324 30108				
		Test Date: 4/10/2013		MFR Name: VOLKSWAGEN				
		Key Start / Hot Soak: 14:15:22 / 09:39		MFR Codes: 590		VWX		
		Fuel Container ID: F00023		Config #: 00				
		Fuel Type: 61 Tier 2 Cert Test Fuel		Transmission: AUTO				
		Test Procedure: 21 Federal fuel 2-day exhaust (w/can loa		Shift Schedule: A09980005				
		Calculation Method: Gasoline		Beginning Odometer: 005098.0 MI				
Pretest Remarks:				Drive Schedule: ftp3bag				
				Soak Period: 27.3 hours				
Bag Data								
		<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
		(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Phase 1								
Sample		8.707	25.117	0.423	0.834	2.742		
Ambient		3.373	0.000	0.014	0.044	1.997		
Net Concentration		5.545	25.117	0.409	0.793	0.870	4.524	
Remarks:								
Phase 2								
Sample		3.312	0.394	0.091	0.544	1.982		
Ambient		3.248	0.000	0.017	0.044	1.995		
Net Concentration		0.196	0.394	0.076	0.502	0.069	0.115	
Remarks:								
Phase 3								
Sample		3.336	2.415	0.114	0.744	2.137		
Ambient		3.103	0.000	0.017	0.044	1.995		
Net Concentration		0.405	2.415	0.098	0.703	0.253	0.108	
Remarks:								
Phase 4								
Sample								
Ambient								
Net Concentration								
Remarks:								
Results								
		<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	
		(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	
Phase 1		0.069	0.632	0.015	313.6	0.013	0.056 / 0.059	
Phase 2		0.004	0.016	0.005	317.6	0.002	0.002 / 0.002	
Phase 3		0.005	0.061	0.004	278.4	0.004	0.001 / 0.001	
Weighted		0.01777	0.15626	0.00660	305.947	0.00443	(NMOG=1.04xNMHC) 0.0133 / 0.0138	
Fuel Economy								
		<u>Gasoline MPG</u>	<u>Dyno Settings</u>					
Phase 1		28.36	Dyno #: D329 - FWD					
Phase 2		28.11	Inertia: 3625					
Phase 3		32.05	EPA Set Co A: 15.57					
			EPA Set Co B: -0.0197					
			EPA Set Co C: 0.02295					
Weighted		29.14	Emiss-Bench: Mexa 7200sle					

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0130-001

Vehicle ID: VW324 30108

Results



	HC-FID	CO	NOx	CO2	CH4	NMHC	Meth Response
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	0.248	2.271	0.056	1127.2	0.045	0.203	1.173
Phase 2	0.015	0.061	0.018	1220.5	0.006	0.009	
Phase 3	0.018	0.219	0.013	1000.4	0.013	0.005	

Test Conditions

	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	28.94	28.94	28.92	
Avg Cell Temp (degF)	73.94	74.00	74.14	
Dew Point (degF)	49.71	49.80	49.93	
Specific Humidity (grains/lbm)	54.78	54.97	55.27	
NOx Corr Factor	0.9132	0.9140	0.9151	
CO2 Dilution Factor	15.998	24.606	17.995	
CFV Vmix (scf @68F)	2742.66	4692.58	2748.03	
CVS Flow Rate Avg (scfm)	323.94	323.48	324.57	
Fan Placement: One Fan - Down - Front				
Phase Time (secs)	508.01	870.39	508.00	
Distance (miles)	3.595	3.843	3.593	
Bag Analysis Time (secs)	143.8	153.7	155.6	

MFR Test Results

for Procedure 21 Federal fuel 2-day exhaust (w/can load)

MFR Number	HC	CO	NOx	CO2	NMOG	NonMeth HC
10024217	0.0183	0.162	0.0087	314	0	0.0138


Odometer	MPG	PM
4744 M	28.5	0.002

MPG is -2.21 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21
Fuel: 61 Tier 2 Cert Gasoline

CERT

NVFEL Laboratory Test Data							CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data							
Test Number: 2013-0130-002		Vehicle ID: VW324 30108					
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;">  </div> <div style="width: 45%;"> Test Information Test Date: 4/10/2013 Key Start: 15:50:46 Fuel Container ID: F00023 Fuel Type: 61 Tier 2 Cert Test Fuel Test Procedure: 3 Calculation Method: Gasoline Pretest Remarks: </div> <div style="width: 40%;"> MFR Name: VOLKSWAGEN MFR Codes: 590 Config #: 00 Transmission: AUTO Shift Schedule: A09980011 Beginning Odometer: 005109.0 MI Drive Schedule: hwfet_hwfet </div> </div>							
Bag Data							
	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
Phase 1	(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Sample	3.030	5.551	0.101	1.397	1.881		
Ambient	3.107	0.000	0.025	0.045	2.013		
Net Concentration	0.246	5.551	0.079	1.357	0.078	0.155	
Remarks:							
Phase 2							
Sample							
Ambient							
Net Concentration							
Remarks:							
Phase 3							
Sample							
Ambient							
Net Concentration							
Remarks:							
Phase 4							
Sample							
Ambient							
Net Concentration							
Remarks:							
Results							
	<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	<u>Vol MPG</u>
	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(mpg)
Phase 1	0.001	0.054	0.001	208.6	0.000	0.001 / 0.001	42.867
(NMOG=1.04xNMHC)							
Fuel Economy							
	<u>Gasoline MPG</u>	<u>Dyno Settings</u>					
Phase 1	42.77	Dyno #: D329 - FWD					
		Inertia: 3625					
		EPA Set Co A: 15.57					
		EPA Set Co B: -0.0197					
		EPA Set Co C: 0.02295					
		Emiss-Bench: Mexa 7200sle					
<div style="display: flex; justify-content: space-between;"> vt120518 - d329 EPAVDAEm130410152120 Page 1 of 2 Print Time 11-Apr-2013 11:13 </div>							

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0130-002

Vehicle ID: VW324 30108

Results



	<u>HC-FID</u> (grams)	<u>CO</u> (grams)	<u>NOx</u> (grams)	<u>CO2</u> (grams)	<u>CH4</u> (grams)	<u>NMHC</u> (grams)	<u>Meth Response</u>
Phase 1	0.012	0.557	0.012	2138.5	0.004	0.008	1.173

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.97			
Avg Cell Temp (degF)	74.46			
Dew Point (degF)	49.42			
Specific Humidity (grains/lbm)	54.13			
NOx Corr Factor	0.9107			
CO2 Dilution Factor	9.585			
CFV Vmix (scf @68F)	3041.99			

CVS Flow Rate Avg (scfm) 238.56

Fan Placement: One Fan - Down - Front

Phase Time (secs) 765.10

Distance (miles) 10.250

Bag Analysis Time (secs)

MFR Test Results

for Procedure 3 HWFE

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10024218	0.005	0.104	0.0013	219	0	0.0029


Odometer 4755 M
MPG 40.8 PM
 0.001
 MPG is -4.60 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21

Fuel: 61 Tier 2 Cert Gasoline

CERT

NVFEL Laboratory Test Data								CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data								
Test Number: 2013-0130-003				Vehicle ID: VW324 30108				
		Test Date: 4/11/2013		MFR Name: VOLKSWAGEN				
		Key Start: 06:24:11		MFR Codes: 590		VWX		
		Fuel Container ID: F00023		Config #: 00				
		Fuel Type: 61 Tier 2 Cert Test Fuel		Transmission: AUTO				
		Test Procedure: 89 us062bag (us06warmup_2bagus06)		Shift Schedule: A09980041				
		Calculation Method: Gasoline		Beginning Odometer: 005129.0 MI				
Pretest Remarks:				Drive Schedule: us06warmup_2bagus06				
Bag Data								
		<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
		(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Phase 1								
	Sample	4.000	8.964	0.763	0.886	2.267		
	Ambient	2.883	0.000	0.029	0.047	1.961		
	Net Concentration	1.308	8.964	0.736	0.842	0.436	0.797	
Remarks:								
Phase 2								
	Sample	4.236	6.732	0.657	1.196	2.133		
	Ambient	2.914	0.000	0.023	0.047	1.961		
	Net Concentration	1.582	6.732	0.637	1.153	0.347	1.175	
Remarks:								
Phase 3								
	Sample							
	Ambient							
	Net Concentration							
Remarks:								
Phase 4								
	Sample							
	Ambient							
	Net Concentration							
Remarks:								
Results								
		<u>HC-FID</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	
		(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	
	Phase 1	0.023	0.311	0.038	459.6	0.009	0.014 / 0.014	
	Phase 2	0.012	0.102	0.014	273.3	0.003	0.009 / 0.009	
	Composite	0.01417	0.14767	0.01957	314.245	0.00425	0.0099 / 0.0103	
		(NMOG=1.04xNMHC)						
Fuel Economy								
		<u>Gasoline MPG</u>	<u>Dyno Settings</u>					
	Phase 1	19.40	Dyno #: D329 - FWD					
	Phase 2	32.64	Inertia: 3625					
			EPA Set Co A: 15.57					
			EPA Set Co B: -0.0197					
			EPA Set Co C: 0.02295					
	Composite	28.41	Emiss-Bench: Mexa 7200sle					

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0130-003

Vehicle ID: VW324 30108

Results



	<u>HC-FID</u> (grams)	<u>CO</u> (grams)	<u>NOx</u> (grams)	<u>CO2</u> (grams)	<u>CH4</u> (grams)	<u>NMHC</u> (grams)	<u>Meth Response</u>
Phase 1	0.040	0.547	0.067	807.6	0.015	0.024	1.173
Phase 2	0.074	0.633	0.089	1703.9	0.019	0.055	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.92	28.92		
Avg Cell Temp (degF)	73.90	74.00		
Dew Point (degF)	49.11	49.12		
Specific Humidity (grains/lbm)	53.60	53.61		
NOx Corr Factor	0.9086	0.9087		
CO2 Dilution Factor	15.101	11.194		
CFV Vmix (scf @68F)	1851.75	2851.36		

CVS Flow Rate Avg (scfm) 468.40 468.72

Fan Placement: USO6 Only - One Large Fan - Down - Front

Phase Time (secs)	130.01	365.00	107.20
Distance (miles)	1.757	6.235	
Bag Analysis Time (secs)	155.9		

MFR Test Results

for Procedure 90 US06

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10024226	0.0164	0.109	0.0275	328	0	0.0106

<u>Odometer</u>	<u>MPG</u>	<u>PM</u>
4936 M	27.3	0.008

MPG is -3.89 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21
Fuel: 61 Tier 2 Cert Gasoline

To: Giles, Michael (EEO)[michael.giles@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Danzeisen, Karen
Sent: Tue 4/9/2013 2:14:45 PM
Subject: RE: Request to reprocess testgroups associated with reprocessed EPA tests

Thanks for the quick follow-up Mike.

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734)214-4444 danzeisen.karen@epa.gov

www.epa.gov/nvfel/

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Monday, April 08, 2013 10:54 AM
To: Danzeisen, Karen; Rodgers, William (EEO)
Cc: Snyder, Jim
Subject: RE: Request to reprocess testgroups associated with reprocessed EPA tests

Hello Karen,

These data sets have been re-processed per your request. It looks like the CSI's are good.

Thanks,

Mike

From: Danzeisen, Karen [<mailto:Danzeisen.Karen@epa.gov>]
Sent: Thursday, April 04, 2013 1:47 PM

To: Giles, Michael (EEO); Rodgers, William (EEO)

Cc: Snyder, Jim

Subject: Request to reprocess testgroups associated with reprocessed EPA tests

Hello,

At some point in the recent past we reprocessed some of your EPA tests so that they included CREE/OPT-CREE default values. In the Verify database these actions inactivated the old test result records and created new test result records for those tests. Consequently, any Testgroup(s) that use those tests lost their connection between the related emission standards and the test results. As a result there are no longer any cert levels in the CSI's for the Testgroup(s) which use those tests. If you were to generate a CSI report for any of the affected Testgroups (see below), in the Certification Level section you would see the Verify Test Number referenced but with no cert levels.

Fortunately, the remedy for this problem is for you (or someone on your staff) to do the following at your/their earliest convenience:

1. Unlock the Testgroup(s) in Certificate Request (if locked)
2. Find the most recent submission for each Testgroup listed below.
3. Change the Process Code for each to 'C' (Correction) (If it's not a 'C' already)
4. Send the submissions to Verify for processing
5. Lock the Testgroups in Certificate Request

MFR_NM	MFR_CD	Testgroup To Be Reprocessed	Test Number Missing Cert Level in CSI
Ex. 4 - CBI			

Volkswagen

Ex. 4 - CBI

Many thanks,

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734)214-4444 danzeisen.karen@epa.gov

www.epa.gov/nvfe/

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 4/8/2013 12:06:02 PM
Subject: RE: re: 2014 FE Guide - Errors in EPA's data base as of April 2, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I have corrected the 5 year spending value typo in Bentley indexes 10, 11 and 12. These should be good to go now.

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, April 05, 2013 1:51 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: RE: re: 2014 FE Guide - Errors in EPA's data base as of April 2, 2013 which held up posting on www.fueleconomy.gov

Richard,

RE: re: 2014 FE Guide - Errors in EPA's data base as of April 2, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of April 2, 2013. Labels with pea green fill in the first few columns were not sent to DOE on April 5, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2014 FE Label data will be on April 15, 2013 or so (on a monthly schedule

where I run the query on the 1st and 15th of the month). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 4/5/2013 5:51:01 PM
Subject: RE: re: 2014 FE Guide - Errors in EPA's data base as of April 2, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2014 FE Guide-all rel dates-no-sales-4-2-2013.xlsx](#)

Richard,

RE: re: 2014 FE Guide - Errors in EPA's data base as of April 2, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of April 2, 2013. Labels with pea green fill in the first few columns were not sent to DOE on April 5, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

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Please make any needed corrections when you get a chance.

Thanks

To: Giles, Michael (EEO)[michael.giles@vw.com]; Snyder, Jim[Snyder.Jim@epa.gov]; Haynes, Ben[haynes.ben@epa.gov]
Cc: Rhodes, Brian (EEO)[Brian.Rhodes@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]; Schlueter, Hannah (EASZ/1)[hannah.schlueter@volkswagen.de]
From: Mazaitis, Vincent
Sent: Fri 4/5/2013 12:59:16 PM
Subject: RE: VW Group - Vehicle delivery Monday 4/8

Thanks for the “heads-up!”

Have a nice weekend.

Vince Mazaitis

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Friday, April 05, 2013 8:34 AM
To: Snyder, Jim; Mazaitis, Vincent; Haynes, Ben
Cc: Rhodes, Brian (EEO); Rodgers, William (EEO); Schlueter, Hannah (EASZ/1)
Subject: VW Group - Vehicle delivery Monday 4/8

Hello Jim, Ben and Vince,

Just a reminder, we are planning to deliver a Beetle for confirmatory testing Monday around 10 to 10:30 am.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Harris, Dale (EEO)[Dale.Harris@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: French, Roberts
Sent: Wed 3/27/2013 3:16:49 PM
Subject: RE: Compliance Options N2O and CH4

Sounds good. Jim and I will call at 11:30, though I will warn you that we only have about 30 minutes, so hopefully the questions are targeted enough so we can at least end with an understanding of next steps, if any are needed.

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Wednesday, March 27, 2013 8:53 AM
To: French, Roberts
Cc: Snyder, Jim; Harris, Dale (EEO); Giles, Michael (EEO)
Subject: RE: Compliance Options N2O and CH4

Hi Rob:

No problem, 11:30 a.m. would be fine. Perhaps Jim Snyder could join if available. If you would call the following number, that would be great. (248) 754-4230.

Thanks,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: French, Roberts [<mailto:french.roberts@epa.gov>]

Sent: Wednesday, March 27, 2013 8:15 AM

To: Kata, Leonard (EEO)

Subject: RE: Compliance Options N2O and CH4

Len,

My apologies. I got sucked into a number of other things yesterday afternoon and didn't see your email until late in the day. I can give you a call around 11:30 this morning if that works. Otherwise it will have to be after 2:30. Let me know what works for you.

Rob

-----Original Appointment-----

From: Kata, Leonard (EEO) [<mailto:Leonard.Kata@vw.com>]

Sent: Tuesday, March 26, 2013 11:01 AM

To: Snyder, Jim; French, Roberts; Giles, Michael (EEO); Harris, Dale (EEO)

Subject: Compliance Options N2O and CH4

When: Tuesday, March 26, 2013 2:00 PM-2:30 PM (GMT-05:00) Eastern Time (US & Canada).

Where: Telephone Conference

Hello Rob:

I got your note about availability. Would it be possible to speak with you from a regulatory perspective around 2:00 p.m. today? We could follow-up with Jim later.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

Join by Phone

+1 (248) 754-6400, local

+1 (855) 858-8080, toll-free

[Find a local number](#)

Conference ID: Non-Responsive

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 3/26/2013 7:12:47 PM
Subject: RE: beetle test data

Thanks for the update. We would like to pick up the vehicle soon to avoid issues with holiday time off schedules. Please let me know once it's been released.

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, March 26, 2013 3:08 PM
To: Rodgers, William (EEO)
Subject: beetle test data

Bill, There was an error code when they resubmitted the test data. I talked to Christi and emailed the lab what to do to avoid the error when they re-submit but I haven't heard back yet.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Mon 3/25/2013 10:49:49 AM
Subject: RE: re: 2014 FE Guide - Errors in EPA's data base as of March 18, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I corrected Audi index #001.

I did four 2014 Bentley label indexes #010-013 last week, but did not see these on this last audit report. Could you please run a report to include the Bentley models?

Thanks,

Richard

From: Good, David [mailto:good.david@epa.gov]
Sent: Friday, March 22, 2013 3:52 PM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim
Subject: RE: re: 2014 FE Guide - Errors in EPA's data base as of March 18, 2013 which held up posting on www.fueleconomy.gov

Richard,

RE: re: 2014 FE Guide - Errors in EPA's data base as of March 18, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of March 18, 2013. Labels with pea green fill in the first few columns were not sent to DOE on March 18, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2014 FE Label data will be on April 1, 2013 or so (on a monthly schedule where I run the query on the 1st of the month). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 3/22/2013 7:52:20 PM
Subject: RE: re: 2014 FE Guide - Errors in EPA's data base as of March 18, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2014 FE Guide-all rel dates-no-sales-3-18-2013.xlsx](#)

Richard,

RE: re: 2014 FE Guide - Errors in EPA's data base as of March 18, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of March 18, 2013. Labels with pea green fill in the first few columns were not sent to DOE on March 18, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2014 FE Label data will be on April 1, 2013 or so (on a monthly schedule where I run the query on the 1st of the month). If you need an important 2014 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Wright, DavidA[Wright.DavidA@epa.gov]
From: Mazaitis, Vincent
Sent: Thur 3/21/2013 3:30:16 PM
Subject: VW 361 40129
[VW 361 40129 3-20-13.pdf](#)


Hello Bill,

Please find enclosed the Laboratory Test Data for the Subject vehicle. If you have any questions or concerns, please contact me.

Thanks Bill,

Vince Mazaitis

Cert

NVFEL Laboratory Test Data							CVS
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data							
Test Number: 2013-0078-001		Vehicle ID: VW 361 40129					
	Test Date: 3/20/2013		MFR Name: VOLKSWAGEN				
	Key Start / Hot Soak: 12:54:00 / 09:38		MFR Codes: 590 VWX				
	Fuel Container ID: F00022		Config #: 00				
	Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur		Transmission: AUTO				
	Test Procedure: 2		Shift Schedule: A09980005				
	Calculation Method: Diesel		Beginning Odometer: 005817.0 MI				
Pretest Remarks:		Drive Schedule: flp3bag					
		Soak Period: 26.1 hours					
Bag Data							
	<u>THC / IntTHC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
Phase 1	(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Sample	21.336 / 22.821	37.889	2.070	0.724	11.830		
Ambient	2.092	0.394	0.011	0.043	1.935		
Net Concentration	19.358 / 20.843	37.517	2.060	0.683	10.001	10.102	
Remarks:							
Phase 2							
Sample	3.397 / 3.127	0.479	0.026	0.445	2.939		
Ambient	1.880	0.067	0.004	0.044	1.907		
Net Concentration	1.580 / 1.309	0.414	0.022	0.403	1.096	0.132	
Remarks:							
Phase 3							
Sample	8.055 / 8.174	0.664	0.446	0.642	7.357		
Ambient	1.859	0.055	0.004	0.042	1.896		
Net Concentration	6.286 / 6.404	0.611	0.442	0.602	5.552	0.442	
Remarks:							
Phase 4							
Sample							
Ambient							
Net Concentration							
Remarks: This test has particulate results.							
Results							
	<u>THC / IntTHC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	<u>Vol MPG</u>
	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(mpg)
Phase 1	- / 0.270	0.981	0.080	280.4	0.150	0.131	36.185
Phase 2	- / 0.027	0.017	0.001	263.6	0.026	0.003	38.803
Phase 3	- / 0.083	0.016	0.017	246.5	0.083	0.006	41.458
Weighted	0.09274	0.21693	0.02205	262.379	0.06742	(NMOG=NMHC) 0.03014	
Fuel Economy							
	<u>Diesel MPG</u>	<u>Dyno Settings</u>					
Phase 1	35.99	Dyno #: D329 - FWD					
Phase 2	38.59	Inertia: 3625					
Phase 3	41.23	EPA Set Co A: 10.04					
		EPA Set Co B: 0.0619					
		EPA Set Co C: 0.02183					
Weighted	38.74	Emiss-Bench: Mexa 7200dle					
v120518 - d329 EPAVDAEm130320124114 Page 1 of 5 Print Time 21-Mar-2013 11:01							

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0078-001

Vehicle ID: VW 361 40129

Results



	<u>THC / IntTHC</u> (grams)	<u>CO</u> (grams)	<u>NOx</u> (grams)	<u>CO2</u> (grams)	<u>CH4</u> (grams)	<u>NMHC</u> (grams)	<u>Meth Response</u>
Phase 1	- / 0.965	3.507	0.287	1002.7	0.536	0.468	1.074
Phase 2	- / 0.103	0.066	0.005	1009.0	0.100	0.010	
Phase 3	- / 0.295	0.057	0.061	880.5	0.296	0.020	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.96	28.96	28.96	
Avg Cell Temp (degF)	74.02	74.27	73.95	
Dew Point (degF)	49.18	48.77	48.60	
Specific Humidity (grains/lbm)	53.65	52.84	52.50	
NOx Corr Factor	0.9088	0.9057	0.9044	
CO2 Dilution Factor	18.367	30.066	20.839	
CFV Vmix (scf @68F)	2830.28	4821.84	2819.26	
Total Vmix (scf @68F)	2834.87	4829.59	2823.87	
CVS Flow Rate Avg (scfm)	333.30	332.20	332.39	
Fan Placement: One Fan - Up - Front				
Phase Time (secs)	509.49	870.90	508.90	
Distance (miles)	3.576	3.828	3.571	
Bag Analysis Time (secs)	1004.5	248.6	136.0	

MFR Test Results

for Procedure 2 CVS 75 and later (w/o can. load)

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10023696	0.0591	0.114	0.0148	279	0	0.0144

Odometer
5731 M

MPG
36.4

MPG is -6.05 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21

Fuel: 19 Cert Diesel 7-15 ppm Sulfur

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0078-001

Vehicle ID: VW 361 40129

Test Information



Test Date: 3/20/2013

Key Start: 12:54:00 / 09:38

Fuel Container ID: F00022

Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur

Test Procedure: 2

Calculation Method: Diesel

Pretest Remarks:

MFR Name: VOLKSWAGEN

MFR Codes: 590 VWX

Config #: 00

Transmission: AUTO

Shift Schedule: A09980005

Beginning Odometer: 005817.0 MI

Drive Schedule: ftp3bag

Soak Period: 26.1 hours

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / ml	Filter comment
-------------	----------------	------------	---------------	-----------------	-----------	---------------	--------------------	----------------

Phase 1

B	448633	147.4105	147.4176	0.00715	3.067	0.858	
C	448634	145.2507	145.2556	0.00494	2.132	0.596	

Remarks:

Exclude A

Phase 2

B	448635	146.1162	146.1219	0.00564	2.450	0.640	
C	448636	145.4835	145.4912	0.00765	3.291	0.860	

Remarks:

Exclude A

Phase 3

B	448637	146.8749	146.8797	0.00484	2.083	0.583	
C	448638	143.3149	143.3195	0.00454	1.956	0.548	

Remarks:

Phase 4

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / ml
Phase 1	0.00605	2.600	0.727
Phase 2	0.00665	2.871	0.750
Phase 3	0.00469	2.019	0.565

All filter weights are corrected for buoyancy.

Weighted All Filters:

0.69437

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check	Dyno #: D329 - FWD
0.01	1	145.20722	145.20535	-0.00187	PASS	Inertia: 3625
	2	144.64129	144.63982	-0.00147	PASS	EPA Set Co A: 10.04
						EPA Set Co B: 0.0619
						EPA Set Co C: 0.02183

Emissions Bench Mexa 7200dle

**NVFEL Laboratory Test Data****PARTICULATE**

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data


Test Number: 2013-0078-001

Vehicle ID: VW 361 40129

WEIGHING CHAMBER	Buoyancy	Operator	Chamber Temp	Dew Point	Barometer	Last Change in Status	
Timestamp	Factor	(id)	(°F)	(°F)	(°Hg)	Status @ timestamp	
Pre-test	3/19/13 14:43	1.0011053	022298	71.7	49.4	28.86	NORM @ 03/15/13 17:29:25
Post-test	3/21/13 7:56	1.0011062	022298	71.9	49.4	28.89	NORM @ 03/15/13 17:29:25

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	28.96	28.96	28.96	
Avg Cell Temp (degF)	74.02	74.27	73.95	
Dew Point (degF)	49.18	48.77	48.60	
Specific Humidity (grains/lbm)	53.65	52.84	52.50	
NOx Corr Factor	0.9088	0.9057	0.9044	
Dilution Factor	18.37	30.07	20.84	
CFV Vmix (scf @68F)	2830.28	4821.84	2819.26	
Sample Volume A (scf @68F)	-8.585	-14.593	-8.515	
Sample Volume B (scf @68F)	6.606	11.128	6.568	
Sample Volume C (scf @68F)	6.572	11.220	6.556	
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	1.531	2.585	1.537	
Total Vmix (scf @68F)	2834.87	4829.59	2823.87	
Phase Time (sec)	509.49	870.90	508.90	
Distance (miles)	3.576	3.828	3.571	
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	44.4	42.8	42.3	
PSU Dil Air B (degC)	40.1	38.7	39.5	
PSU Dil Air C (degC)	41.7	41.2	41.2	
PSU Filter A (degC)	48.1	49.9	49.5	
PSU Filter B (degC)	45.1	45.2	45.5	
PSU Filter C (degC)	46.0	46.6	46.8	
PSU Dil Flow A (lpm)	30.0	30.0	29.9	
PSU Dil Flow B (lpm)	30.0	29.9	29.9	
PSU Dil Flow C (lpm)	29.9	29.8	29.8	
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

Cert

NVFEL Laboratory Test Data						CVS	
Final Laboratory Test Results- Refer to VERIFY Reports for Official Data							
Test Information			Test Data				
 Test Number: 2013-0078-002 Test Date: 3/20/2013 Key Start: 14:43:17 Fuel Container ID: F00022 Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur Test Procedure: 3 Calculation Method: Diesel Pretest Remarks:			Vehicle ID: VW 361 40129 MFR Name: VOLKSWAGEN MFR Codes: 590 VWX Config #: 00 Transmission: AUTO Shift Schedule: A09980011 Beginning Odometer: 005827.0 MI Drive Schedule: hwfet_hwfet				
Bag Data							
	<u>THC / IntTHC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NonMeth HC</u>	
	(ppmC)	(ppm)	(ppm)	(%)	(ppm)	(ppmC)	
Phase 1							
Sample	8.122 / 8.053	0.774	0.226	0.927	7.364		
Ambient	2.178	0.069	0.007	0.045	1.949		
Net Concentration	6.095 / 6.026	0.710	0.219	0.885	5.549	0.066	
Remarks:							
Phase 2							
Sample							
Ambient							
Net Concentration							
Remarks:							
Phase 3							
Sample							
Ambient							
Net Concentration							
Remarks:							
Phase 4							
Sample							
Ambient							
Net Concentration							
Remarks: This test has particulate results.							
Results							
	<u>THC / IntTHC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC / NMOG</u>	<u>Vol MPG</u>
	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(mpg)
Phase 1	- / 0.041	0.010	0.004	189.4	0.043	0.000	53.985
(NMOG=NMHC)							
Fuel Economy							
	<u>Diesel MPG</u>	<u>Coastdown secs:</u>		<u>Dyno Settings</u>	<u>Dyno #:</u>		
Phase 1	53.69		17.97		D329 - FWD		
			17.98		Inertia: 3625		
			17.97		EPA Set Co A: 10.04		
					EPA Set Co B: 0.0619		
					EPA Set Co C: 0.02183		
			17.97		Emiss-Bench: Mexa 7200dle		
v120518 - d329 EPAVDAEm130320141931 Page 1 of 2 Print Time 21-Mar-2013 11:05							

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0078-002

Vehicle ID: VW 361 40129

Results



	<u>THC / IntTHC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	- / 0.415	0.099	0.045	1934.7	0.442	0.005	1.074

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (InHg)	28.94			
Avg Cell Temp (degF)	74.31			
Dew Point (degF)	48.61			
Specific Humidity (grains/lbm)	52.54			
NOx Corr Factor	0.9045			
CO2 Dilution Factor	14.449			
CFV Vmix (scf @68F)	4197.48			
Total Vmix (scf@68F)	4219.80			
CVS Flow Rate Avg (scfm)	329.17			

Fan Placement: One Fan - Up - Front

Phase Time (secs) 765.11

Distance (miles) 10.215

Bag Analysis Time (secs)

MFR Test Results

for Procedure 3 HWFE

<u>MFR Number</u>	<u>HC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>NMOG</u>	<u>NonMeth HC</u>
10023697	0.0574	0.007	0.0024	196	0	0.0082

Odometer
5743 M

MPG
51.9

MPG is -3.33 % lower than EPA MPG

MFR Lab: Volkswagen AG, Dept EASZ/1

Dyno: 21

Fuel: 19 Cert Diesel 7-15 ppm Sulfur

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0078-002

Vehicle ID: VW 361 40129

Test Information



Test Date: 3/20/2013

Key Start: 14:43:17

Fuel Container ID: F00022

Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur

Test Procedure: 3

Calculation Method: Diesel

Pretest Remarks:

MFR Name VOLKSWAGEN

MFR Codes: 590

VWX

Config #: 00

Transmission: AUTO

Shift Schedule: A09980011

Beginning Odometer: 005827.0 MI

Drive Schedule: hwfet_hwfet

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / ml	Filter comment
Phase 1								
	B	448631	141.9242	141.9354	0.01118	4.212	0.412	
	C	448632	142.4426	142.4542	0.01158	4.394	0.430	

Remarks:

Phase 2

Remarks:

Phase 3

Remarks:

Phase 4

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / ml
Phase 1	0.01138	4.303	0.421

All filter weights are corrected for buoyancy.

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check	Dyno #: D329 - FWD
0.01	1	145.20599	145.20637	0.00038	PASS	Inertia: 3625
	2	144.63746	144.64044	0.00298	PASS	EPA Set Co A: 10.04
						EPA Set Co B: 0.0619
						EPA Set Co C: 0.02183

Emissions Bench Mexa 7200dle

**NVFEL Laboratory Test Data****PARTICULATE**

Final Laboratory Test Results- Refer to VERIFY Reports for Official Data

Test Number: 2013-0078-002

Vehicle ID: VW 361 40129

<u>WEIGHING CHAMBER</u>	<u>Buoyancy</u>	<u>Operator</u>	<u>Chamber Temp</u>	<u>Dew Point</u>	<u>Barometer</u>	<u>Last Change in Status</u>	
Timestamp	Factor	(Id)	(°F)	(°F)	(°Hg)	Status @ timestamp	
Pre-test	3/19/13 11:05	1.0011030	022298	71.8	49.3	28.80	NORM @ 03/15/13 17:29:25
Post-test	3/21/13 8:17	1.0011063	022298	71.8	49.5	28.89	NORM @ 03/15/13 17:29:25

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	28.94			
Avg Cell Temp (degF)	74.31			
Dew Point (degF)	48.61			
Specific Humidity (grains/lbm)	52.54			
NOx Corr Factor	0.9045			
Dilution Factor	14.45			
CFV Vmix (scf @68F)	4197.48			
Sample Volume A (scf @68F)				
Sample Volume B (scf @68F)	11.202			
Sample Volume C (scf @68F)	11.123			
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	7.442			
Total Vmix (scf @68F)	4219.80			
Phase Time (sec)	765.11			
Distance (miles)	10.215			
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	44.5			
PSU Dil Air B (degC)	38.9			
PSU Dil Air C (degC)	40.8			
PSU Filter A (degC)	48.3			
PSU Filter B (degC)	47.5			
PSU Filter C (degC)	46.9			
PSU Dil Flow A (lpm)	0.0			
PSU Dil Flow B (lpm)	29.9			
PSU Dil Flow C (lpm)	29.9			
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Harris, Dale (EEO)[Dale.Harris@vw.com]
From: Rodgers, William (EEO)
Sent: Wed 3/13/2013 6:00:53 PM
Subject: RE: 2014 Certification Requests

Correction. Test group Ex. 4 - CBI

Bill

From: Rodgers, William (EEO)
Sent: Wednesday, March 13, 2013 1:56 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Giles, Michael; Harris, Dale (EEO)
Subject: 2014 Certification Requests

Hello Jim,

When submitting 2014 Certification Requests we continue to get rejection notices which say that our 2014 Pre-Model Year GHG Report has not been submitted. This report was submitted in December 2012. I submitted a Certification Request today for test group Ex. 4 - CBI and indicated "No" when asked if the report has been submitted so that the request would be accepted. Please let us know if there is something else we need to do on our end to solve this issue.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

From: Johnson, Stuart (EEO)
Location: AA-Room-Office-N62-ASDCDConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Accepted: PHEV IUVP Useful life mtg
Start Date/Time: Mon 3/11/2013 2:00:00 PM
End Date/Time: Mon 3/11/2013 3:00:00 PM

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Johnson, Stuart (EEO)
Sent: Thur 3/7/2013 3:26:43 PM
Subject: RE: PHEV Useful life mtg

Got it! Thanks, Jim.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, March 07, 2013 10:20 AM
To: Johnson, Stuart (EEO)
Subject: RE: PHEV Useful life mtg

You should see a mtg invitation .

From: Johnson, Stuart (EEO) [mailto:Stuart.Johnson@vw.com]
Sent: Thursday, March 07, 2013 9:21 AM
To: Snyder, Jim
Subject: RE: PHEV Useful life mtg

How about 10:00? That works for us.

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, March 07, 2013 9:02 AM
To: Johnson, Stuart (EEO)
Subject: PHEV Useful life mtg

Stuart, Chris is tied up Monday afternoon. We can do 9:00 or 10:00. Preference?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Johnson, Stuart (EEO)
Sent: Thur 3/7/2013 2:20:42 PM
Subject: RE: PHEV Useful life mtg

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From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, March 07, 2013 9:02 AM
To: Johnson, Stuart (EEO)
Subject: PHEV Useful life mtg

Stuart, Chris is tied up Monday afternoon. We can do 9:00 or 10:00. Preference?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Tue 3/5/2013 9:34:13 PM
Subject: re: 2013 FE Guide - Errors in EPA's data base as of March 1, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2013 FE Guide-all rel dates-no-sales-3-1-2013.xlsx](#)

Richard,

Attached are the data in Verify as of March 1, 2013. Labels with pea green fill in the first few columns were not sent to DOE on March 4, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2013 FE Label data will be on April 1, 2013 or so (on a monthly schedule where I run the query on the 1st of the month). If you need an important 2013 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Giles, Michael (EEO)
Sent: Tue 3/5/2013 4:09:12 PM
Subject: Decision Information Submitted (Jetta Manual - 2 data sets)

Hello Jim,

Decision information for confirmatory testing was submitted today for two MY 2013 Jetta vehicles, with **manual** transmissions.

Ex. 4 - CBI

Ex. 4 - CBI

Please advise of your confirmatory decisions at your earliest convenience, or call me if there are any questions.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Fri 3/1/2013 1:44:01 PM
Subject: VW Verify user request

Hi Jim,

I sent a FedEx 2-day package to you with a new Verify user request. Please forward it to the Verify team for processing.

Thanks

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 2/26/2013 2:48:39 PM
Subject: VW Group - Supplemental Information Submitted VW324 30108-0

Hello Jim,

I have submitted the Supplemental information for the recently selected confirmatory tests to be conducted on **Ex. 4 - CBI**

Ex. 4 - CBI We have requested that the Vehicle be delivered to EPA on April 8, 2013 and made the necessary change to the Decision Information input data in Verify. Please confirm the test schedule and let us know as soon as possible so we can arrange the vehicle's shipping.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Tue 2/19/2013 7:38:45 PM
Subject: RE: VW Group - Decision Information Submissions for Federal Gen 3 2.0T

Thanks. Does this mean you will not override the random pick in this case.

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, February 19, 2013 2:22 PM
To: Rodgers, William (EEO)
Subject: RE: VW Group - Decision Information Submissions for Federal Gen 3 2.0T

Hi Bill, My new email (outlook) is sorta working. I waived the tests except for the EDV which was randomized.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, February 18, 2013 3:45 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Peter, Juergen (EASZ/1); Thomas, Richard (EEO); Glas, Tobias
Subject: VW Group - Decision Information Submissions for Federal Gen 3 2.0T

Hello Jim,

Today we submitted the Test data and Decision Information for the following vehicles. These represent 2013 VW Beetle and Beetle Convertible models in the new federal-only test group

Ex. 4 - CBI

 The remaining data for Jetta models to be included in this test group will be coming soon.

We would appreciate confirmatory test waivers as soon as possible so we can proceed with processing fuel economy labels for these models, scheduled to start production in the first week of March (week 10/2013). As a reminder, the first of the similar-design 1.8l turbo engines you expressed interest in testing are scheduled for production in the 2014 Jetta models starting in June (week 27/2013).

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Peter, Juergen (EASZ/1)[juergen.peter@volkswagen.de]
From: Rodgers, William (EEO)
Sent: Tue 2/19/2013 2:22:22 PM
Subject: VW Group - Decision information submitted

Hi Jim,

I submitted the Tests and Decision information for the last of the 2013 Beetle/Beetle Convertibles with the new generation 2.0l turbo. These represent the Bin 3 manual trans. configurations being added to test group: Ex. 4 - CBI via running change.

VID: Ex. 4 - CBI

Ex. 4 - CBI - Manufacturer Confirmatory Required for High FE.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Glas, Tobias
Sent: Mon 2/18/2013 8:55:04 PM
Subject: FW: VW Group - New Approved User
[Tobias Glas-esa.pdf](#)
[user-info-20130211.xls](#)
[New_user_VW.pdf](#)

FYI

From: Glas, Tobias
Sent: Monday, February 18, 2013 1:34 PM
To: 'Petersen.Pete@epamail.epa.gov'
Cc: 'Snyder.Jim@epamail.epa.gov'; 'Verify@epa.gov'
Subject: FW: VW Group - New Approved User

Hello !

My Audi and Bentley account work just fine but I could not register for the VW account because we issued a user name with only 7 digits.

Please change that to 8 digits as in the 'New_user_VW' filer is stated.

Thank you and sorry for the trouble !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537


Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Rodgers, William (EEO)
Sent: Thursday, February 14, 2013 7:31 AM
To: Glas, Tobias
Subject: FW: VW Group - New Approved User

From: Petersen.Pete@epamail.epa.gov [<mailto:Petersen.Pete@epamail.epa.gov>] **On Behalf Of**
Verify@epa.gov
Sent: Tuesday, February 12, 2013 8:40 AM
To: Rodgers, William (EEO)
Cc: Snyder.Jim@epamail.epa.gov; Verify@epa.gov
Subject: Re: VW Group - New Approved User

I assume you have mailed these forms to the Verify Team address? I am not allowed to accept electronic copies.

 "Rodgers, William (EEO)" ---02/11/2013 03:09:31 PM---Hello, Please see the attached forms to add a new approved user, Tobias Glas, to the Verify system a

From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
To: Verify@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 02/11/2013 03:09 PM
Subject: VW Group - New Approved User

Hello,

Please see the attached forms to add a new approved user, Tobias Glas, to the Verify system and manufacturer codes VWX, ADX and BEX. We have also include a complete User information spreadsheet for the entire Volkswagen Group. Please notify me when this new user is set up and able to access the system.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

(See attached file: Tobias Glas-esa.pdf)(See attached file: user-info-20130211.xls)

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Thur 2/14/2013 8:10:45 PM
Subject: RE: Test waiver [Ex. 4 - CBI]

Got it thanks

From: Rodgers, William (EEO)
Sent: Thursday, February 14, 2013 1:18 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Subject: Test waiver [Ex. 4 - CBI]

Hi Jim,

I wasn't able to catch you at your desk. We received the following confirmatory test waiver but are wondering if you missed Configuration-1 (Beetle coupe), or are you planning to test it?

Testing Waived: [Ex. 4 - CBI] Vehicle Configuration: 0

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Ex. 4 - CBI
Sent: Thur 2/14/2013 4:15:22 PM
Subject: Re: Duplicate Inbox test waiver announcements (HLP-3629)

Hello Mr. Rodgers,

Verify Help Desk Ticket HLP-3629 was opened for your inquiry.

I've unscheduled the next scheduled notification task for this transaction id. Please let me know if you receive any additional duplicate notifications.

Ex. 4 - CBI

Verify Help Desk
Staffed by Computer Sciences Corporation,
Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

"Rodgers, William
(EEO)"
<William.Rodgers@vw.com> To
Verify Help Desk@CSC
cc
02/14/2013 08:58 AM ""Jim
Snyder' (Snyder.Jim@epamail.epa.gov
)" <Snyder.Jim@epamail.epa.gov>,
"Giles, Michael (EEO)"
<michael.giles@vw.com>
Subject
Duplicate Inbox test waiver
announcements

Hello Vince,
We are getting duplicate inbox entries for test waivers again.

The status of your submission is shown below:

Submission

Document Name: LightDutyDecisionInformationSubmission.xml

Transaction Id: Ex. 4 - CBI

Date Originally Submitted: 02/12/2013

Status History

Date	Status	Description
Tue 02/12/2013 12:45 PM	Complete d	Your recent Decision Information submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.

The following is a summary of the processing report:

Total Datasets Submitted: 1

Accepted Datasets: 1

Rejected Datasets: 0

Wed 02/13/2013 3:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 4:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 5:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 6:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 7:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 8:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 9:05 PM	Complete d	Confirmatory Test for the following Vehicle has been Waived: Manufacturer: Ex. 4 - CBI Vehicle Configuration: 0
---------------------------	---------------	---

Wed 02/13/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
10:05 PM d Vehicle Configuration: 0

Wed 02/13/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
11:05 PM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
12:05 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
1:05 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
2:05 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
3:05 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
4:05 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
5:06 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
6:06 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
7:06 AM d Vehicle Configuration: 0

Thu 02/14/2013 Complete Confirmatory Test for the following Vehicle has been Waived:
Manufacturer: **Ex. 4 - CBI**
8:06 AM d Vehicle Configuration: 0

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219

william.rodgers@vw.com

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Glas, Tobias[Tobias.Glas@vw.com]
From: Rodgers, William (EEO)
Sent: Thur 2/14/2013 1:38:25 PM
Subject: FW: VW Group - New Approved User

Jim,

Perhaps we need to submit a new form for VW? or can you adjust the user name we requested so it works with the system.

Requested user name: Ex. 4 - CBI

Proposed change: Ex. 4 - CBI

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

From: Glas, Tobias
Sent: Thursday, February 14, 2013 7:49 AM
To: Rodgers, William (EEO); Petersen.Pete@epamail.epa.gov
Subject: RE: VW Group - New Approved User

Hello !

I tried to activate my Verify VW user yesterday and couldn't process it because my username only has 7 digits.

Please advise how to solve that issue.

Thank you very much !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Rodgers, William (EEO)

Sent: Thursday, February 14, 2013 7:31 AM

To: Glas, Tobias

Subject: FW: VW Group - New Approved User

From: Petersen.Pete@epamail.epa.gov [<mailto:Petersen.Pete@epamail.epa.gov>] **On Behalf Of**
Verify@epa.gov


Sent: Tuesday, February 12, 2013 8:40 AM

To: Rodgers, William (EEO)

Cc: Snyder.Jim@epamail.epa.gov; Verify@epa.gov

Subject: Re: VW Group - New Approved User

I assume you have mailed these forms to the Verify Team address? I am not allowed to accept electronic copies.

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From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
To: Verify@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 02/11/2013 03:09 PM
Subject: VW Group - New Approved User

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Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

(See attached file: Tobias Glas-esa.pdf)(See attached file: user-info-20130211.xls)

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Rodgers, William (EEO)
Sent: Wed 2/13/2013 2:08:42 PM
Subject: Revised 2014 Cert Preview Attachment
MY 2014 TEST GROUPS ATTACHMENT A EEO 02062013 REVISION.xlsx

Hi Jim,

Attached is the updated chart we discussed for 2014MY.

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Tue 2/12/2013 8:12:35 PM
Subject: RE: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Richard,

The Adventador Roadster (Index 93) was sent to DOE for posting on the web. (It was error free with a release date of 1/14/2013.) Should it have been?

Dave

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: David Good/AA/USEPA/US@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 02/12/2013 08:18 AM
Subject: RE: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I took care of the error for the 2013 Beetle Convertible TDI index 135, a couple days ago.

There was one other 2013 Lamborghini Aventador Roadster on the spreadsheet you sent, but there was no green shading in the first column and it had a release date of January 14, 2013. Was that sent to DOE? Was there a problem with Lamborghini index 93?

Thanks,
Richard

From: Good.David@epamail.epa.gov [mailto:Good.David@epamail.epa.gov]
Sent: Friday, February 08, 2013 5:00 PM
To: Thomas, Richard (EEO)
Cc: Snyder.Jim@epamail.epa.gov
Subject: re: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Richard,

re: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of February 5, 2013 (for new model year 2013 FE labels since January 3, 2012, only). Labels with pea green fill in the first few columns were not sent to DOE on February 5, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2013 FE Label data will be on March 1, 2013 or so (on a monthly schedule where I run the query on the 1st of the month). If you need an important 2013 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

(See attached file: VW_Group_2013 FE Guide-new labels since 1-3-2013-all rel dates-no-sales-2-5-2013.xlsx)

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]
From: Rodgers, William (EEO)
Sent: Tue 2/12/2013 6:06:41 PM
Subject: VW Group Tests and Decision Information

Hello Jim,

As a heads up to what's coming your way, the following support an upcoming running change which adds a Ex. 4 - CBI to the existing Bin 3 test group Ex. 4 - CBI

- Today I submitted two sets of Tests and Decision Information for Beetle Convertible and Beetle Coupe models as FEDV's in the test group.
- Tomorrow I hope to submit the same for Jetta GLI, also as an FEDV for the test group.

Later in the week, I expect to establish a new Federal-only Bin 5 test group and submit tests for the same basic engine and models. The Beetle Convertible automatic will be the EDV for this new test group.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Fri 2/8/2013 10:00:15 PM
Subject: re: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2013 FE Guide-new labels since 1-3-2013-all rel dates-no-sales-2-5-2013.xlsx](#)

Richard,

re: 2013 FE Guide - Errors in EPA's data base as of February 5, 2013 which held up posting on www.fueleconomy.gov

Attached are the data in Verify as of February 5, 2013 (for new model year 2013 FE labels since January 3, 2012, only). Labels with pea green fill in the first few columns were not sent to DOE on February 5, 2013 for posting on the web. Error messages are in the first column with the column where the error occurred highlighted in yellow fill, as usual.

The next normal posting of 2013 FE Label data will be on March 1, 2013 or so (on a monthly schedule where I run the query on the 1st of the month). If you need an important 2013 FE Label posted on the web before that time, please send me an email message and I'll be glad to have it posted earlier.

Please make any needed corrections when you get a chance.

Thanks

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
Cc: Nevers, Chris[nevers.chris@epa.gov]; Snyder, Jim[Snyder.Jim@epa.gov]; French, Roberts[french.roberts@epa.gov]
From: Good, David
Sent: Fri 2/8/2013 5:06:44 PM
Subject: Re: VW/EPA Certification Meeting October 29, 2012
[00 Agenda EPA Cert-Test.pptx](#)
[01 Start Stop Survey.pptx](#)
[02 FFV.pptx](#)
[03 AWC.pptx](#)
[04 BEV EPA.pptx](#)
[05 BEVx 2012 EPA.ppt](#)
[06 SAE 1634 EPA.pptx](#)
[07 PHEV.pptx](#)
[08 Energy assist EPA.pptx](#)
[VW EPA Cert Meeting Oct 29,2012.pdf](#)
[2014 generic EV Label calculations-1-18-13.xlsm](#)

Len,

Thanks for checking with us (and the reminder). Here are my comments:

1. Item 2 **Ex. 4 - CBI** My notes from that meeting indicate that EPA had quite a few concerns about Item 2—the proposed method of performing a survey of your 2016 and later

Ex. 4 - CBI

We were concerned about the counting method for your algorithm. It seemed to count any fuel

Ex. 4 - CBI

Your minutes seem OK. Your minutes read as follows: "EPA reaction to the VW proposal: 1. May need a more

Ex. 4 - CBI

Ex. 4 - CBI

VW will present an updated proposal for determination of the usage factor for the next meeting. EPA wants to see more refinement regarding the

Ex. 4 - CBI

Ex. 4 - CBI

Please include Rob French and me (for GHG purposes) when you present your updated proposal. Note that EPA intends to provide in the next month or so the 2016 ethanol (E85) usage factor discussed in 40 CFR 600.510-12(k)(1). I think it will be via a Federal Register notice.

Ex. 4 - CBI

optional wireless charging system. [Measurements include approach angle, breakover angle, departure angle, running clearance (in inches and cm), axle clearance(in inches and cm).]

Ex. 4, 7

4, BEV PHEV calculators - I emailed you the attached BEV calculator a couple weeks ago (the attached spreadsheet is renamed it to 2014). Was this what you were looking for? For the PHEV calculator, I have one for a non-blended PHEV. Do you want a calculator for a non-blended or blended PHEV?

I'll defer to Jim and Chris on the other items in your minutes, plus any additional comments they may have on these two items.

Dave

From: "Kata, Leonard (EEO)" <Leonard.Kata@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA, David Good/AA/USEPA/US@EPA, Chris Nevers/AA/USEPA/US@EPA
Date: 02/06/2013 12:00 AM
Subject: VW/EPA Certification Meeting October 29, 2012

Hello Jim, Dave, and Chris:

I know that some time has passed since we met in October 2012, but I would appreciate it if you would take a look at the meeting report and provide any comments or feedback. Other EPA staff participated as well and may wish to contribute their comments.

I have attached all of the slides from our meeting, for ready reference. The report is the last attachment. Please let me know if this should go into VERIFY.

Since the report indicates some follow-up on the part of VW and EPA, we would appreciate an opportunity to have a telephone conference/webinar to discuss the open points.

Best regards,

Len

Leonard W. Kata
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office

Volkswagen Group of America, Inc.
Phone: (248) 754-4204
Cell: (248) 797-3886
E-Mail: leonard.kata@vw.com

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

As a backup you can contact also **Mr. Garrett Horton** with EEO at VWGoA for any in-use questions.

Garrett Horton

Engineering Analyst

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4231

Cell: (248) 797-1198

Fax: (248) 754-4207

E-Mail: Garrett.Horton@vw.com

Thank you very much for all the support during the last couple years. I really enjoyed working with all of you.

I am grateful for the opportunities that I had with this position and I am looking forward to start a new project.

Best regards,

Sebastian Berenz

In-Use Emission Compliance Specialist

Engineering Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 736-3487

FAX: (248) 754-4207

E-Mail: Sebastian.berenz@vw.com

<http://www.volkswagen.com>



Before you print it, think about your responsibility and commitment to the ENVIRONMENT!

To: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Fri 2/1/2013 11:05:24 AM
Subject: RE: VW wants to use a common mfr code for VW Group

Great, thanks.

From: Snyder.Jim@epamail.epa.gov [mailto:Snyder.Jim@epamail.epa.gov]
Sent: Thursday, January 31, 2013 4:43 PM
To: Thomas, Richard (EEO)
Subject: RE: VW wants to use a common mfr code for VW Group

I talked to Bob beforehand and supported it. I think he looks forward to this simplifying calculations. I'll ask him if there is anything else needed to be done.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA
Date: 01/31/2013 09:06 AM
Subject: RE: VW wants to use a common mfr code for VW Group

Hi Jim;

Thanks for the note and voice mail. Can you track down Bob Peavyhouse sometime and ask if he will be able to handle the changes and what, if anything, we (the EEO) can do to assist. If you could explain that this scenario was approved by the upper management of the Volkswagen Group and now we need to

Ex. 4 - CBI

Thanks,
Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

From: Snyder.Jim@epamail.epa.gov [mailto:Snyder.Jim@epamail.epa.gov]

Sent: Wednesday, January 30, 2013 4:33 PM

To: Thomas, Richard (EEO)

Subject: VW wants to use a common mfr code for VW Group

Richard, I left you a voice mail but this is probably better. I reviewed Volkswagen Group's proposal to

Ex. 4 - CBI

Ex. 5

Ex. 5

think we need a meeting to discuss this.

We all think its okay so I don't

Jim Snyder

Light-Duty Vehicle Group

Compliance Division

United States Environmental Protection Agency

(734) 214-4946

snyder.jim@epa.gov

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Thomas, Richard (EEO)
Sent: Wed 1/30/2013 11:29:39 AM
Subject: RE: 2013 FE Guide - Errors in Verify as of 1/27/2013 which need correcting before 2/1/2013 if possible

Hello Dave;

I have corrected the 2013 label #135, it should be okay now.

Thanks,

Richard

From: Good.David@epamail.epa.gov [mailto:Good.David@epamail.epa.gov]
Sent: Tuesday, January 29, 2013 5:14 PM
To: Thomas, Richard (EEO)
Cc: Snyder.Jim@epamail.epa.gov
Subject: re: 2013 FE Guide - Errors in Verify as of 1/27/2013 which need correcting before 2/1/2013 if possible

Richard,

re: 2013 FE Guide - Errors in Verify as of 1/27/2013 which need correcting before 2/1/2013 if possible

Our macro picked up some errors in your 2013 Labels. If possible please correct them before 2/1/2013--- so I can send the data to DOE for posting on the web (for the Feb 1st posting).

Sorry about the late notice. I'll also include the 2014 Labels FYI--they looked OK to me.

Thanks

(See attached file: VW_Group_2013 FEGuide new labels-all rel dates-no-sales-1-25-2013.xlsx)(See attached file: VW_Group_2014 FEGuide-all rel dates-no-sales-1-25-2013.xlsx)

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Tue 1/29/2013 10:13:41 PM
Subject: re: 2013 FE Guide - Errors in Verify as of 1/27/2013 which need correcting before 2/1/2013 if possible
[VW_Group_2013_FEGuide_new_labels-all_rel_dates-no-sales-1-25-2013.xlsx](#)
[VW_Group_2014_FEGuide-all_rel_dates-no-sales-1-25-2013.xlsx](#)

Richard,

re: 2013 FE Guide - Errors in Verify as of 1/27/2013 which need correcting before 2/1/2013 if possible

Our macro picked up some errors in your 2013 Labels. If possible please correct them before 2/1/2013---so I can send the data to DOE for posting on the web (for the Feb 1st posting).

Sorry about the late notice. I'll also include the 2014 Labels FYI--they looked OK to me.

Thanks

To: Snyder, Jim[Snyder.Jim@epa.gov]
Cc: Good, David[good.david@epa.gov]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Schmidt, Oliver (EEO)[Oliver.Schmidt@vw.com]
From: Thomas, Richard (EEO)
Sent: Wed 1/23/2013 1:44:13 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov
[VGA sample VECI labels.pdf](#)

Hi Jim;

Yes, this is the same subject that Bob Peavyhouse and I talked about when I was preparing the 2011 final CAFE report in Verify, and before Bob Hart got involved. It was a nightmare with regard to granting permissions for one manufacture to use data from another. We currently have

Ex. 4 - CBI

Ex. 4 - CBI

There may have to be some special programing in order for us to use older data for the new code, but in the end it should be easier for everyone to process the huge amount of future data. For that reason I am sure Bob Peavyhouse would need to be included.

Thanks,

Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

From: Snyder.Jim@epamail.epa.gov [<mailto:Snyder.Jim@epamail.epa.gov>]
Sent: Tuesday, January 22, 2013 3:14 PM
To: Thomas, Richard (EEO)
Cc: Good.David@epamail.epa.gov
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov

Bob Hart brought this up to me back before he retired. This is with regard to Test Groups right? He talked about it for test groups and certificates but I guess its more relevant for GHG calculations right? I can set up a meeting but I'm wondering who all to invite depending on the scope of this.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: David Good/AA/USEPA/US@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 01/22/2013 02:12 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I have made one typo FE correction and a couple of calculation errors resulting in unadjusted, unrounded combined CO2 errors affected four of the five error messages. These did not affect any label values for these models, I believe all is good now.

Ex. 4 - CBI

discuss, please give me a call so we can set up either a visit or phone discussion and its attendees. I

think we would have to get Bob Peavyhouse involved at a minimum.

Thanks,
Richard

From: Good.David@epamail.epa.gov [mailto:Good.David@epamail.epa.gov]

Sent: Tuesday, January 22, 2013 12:22 PM

To: Thomas, Richard (EEO)

Cc: Snyder.Jim@epamail.epa.gov

Subject: re: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov

Richard,

Our macro picked up a few errors in your 2014 labels. Attached are the data in Verify as of January 17, 2013 for 2014 model year FE labels. Labels with pea green fill in the first few columns contained errors and were not sent to DOE for posting on the web (provided the label release date was Jan 22, 2013 or earlier).

I'll run my next query of the 2014 FE Label data on Feb 1, 2013---for posting on the web a few days later.

Please make any needed corrections when you get a chance.

Thanks

(See attached file: VW_Group_2014 FE Guide-all rel dates-no-sales-1-17-2013.xlsx)

To: richard.thomas@vw.com[richard.thomas@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]
From: Good, David
Sent: Tue 1/22/2013 5:21:39 PM
Subject: re: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov
[VW Group 2014 FE Guide-all rel dates-no-sales-1-17-2013.xlsx](#)

Richard,

Our macro picked up a few errors in your 2014 labels. Attached are the data in Verify as of January 17, 2013 for 2014 model year FE labels. Labels with pea green fill in the first few columns contained errors and were not sent to DOE for posting on the web (provided the label release date was Jan 22, 2013 or earlier).

I'll run my next query of the 2014 FE Label data on Feb 1, 2013---for posting on the web a few days later.

Please make any needed corrections when you get a chance.

Thanks

To: leonard.kata@vw.com[leonard.kata@vw.com]
Cc: Snyder, Jim[Snyder.Jim@epa.gov]; oliver.schmidt@vw.com[oliver.schmidt@vw.com]
From: Good, David
Sent: Tue 1/22/2013 2:37:58 PM
Subject: Electric Vehicle templates attached
[2013 generic EV Label calculations-1-18-13.xlsm](#)
[EV Verify Rel 9and10-Charge Depleting example data.8-9-2012.pdf](#)
[PHEV - Verify Rel9-Charge Depleting example data-2-10-2011.pdf](#)

Len,

In the VW/EPA meeting on 10/30/2012, you asked if we could send you an EV and a PHEV calculator template.

Attached is an EV calculator---sorry it took so long for me to respond, but I needed 2-3 hours to clean it up a bit (and I didn't find the time until last Friday). The template calculates derived 5-cycle label values and "Capped" label values (which are capped at a maximum 30% downward in-use adjustment factor)---per EPA policy for EVs. The template seemed to work OK for one EV manufacturer---let me know if you see any errors or have any questions.

I have a PHEV calculator that worked well for Fisker (non blended PHEV), but still need to clean it up a little. I'll try to send it to you this morning or so.

Also attached are example templates for entering charge depleting data into EPA's Verify data base.

Please call if you have questions.

Dave

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Snyder, Jim
Sent: Tue 12/17/2013 11:19:49 PM
Subject: 2015 Durability approval
[VW 2015 Durability approval.pdf](#)

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Snyder, Jim
Sent: Tue 12/17/2013 7:53:13 PM
Subject: RE: Certification Preview Meeting

Hi Len, yes the calendar is pretty tight this week. I'd rather spend my time reviewing CoCs. Let's plan on having the mtg, after the 6th. Things are pretty open on the schedule. Do you have a preference? I would say let's wait until at least the 9th to catch up after the break.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Tuesday, December 17, 2013 11:38 AM
To: Snyder, Jim
Subject: Certification Preview Meeting
Importance: High

Hi Jim:

As you know, we have submitted some cert requests and I see that you are looking over the information. In light of the workload, I imagine that we may have to wait until after the holiday for a certification preview meeting, (unless you think it can fit in yet this week). Please let me know what you think. If it is after the holiday, when is the soonest available date. We should be back in full swing beginning Jan.6, 2014.

Regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, December 05, 2013 6:14 PM
To: Kata, Leonard (EEO)
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

There are several other pre-cert mtgs next week. Monday is booked. I think Tue, wed and thurs afternoons are open. Do you expect to submit many cert requests this month? If not, we can hold off to after the holiday if we have trouble setting a time.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency

(734) 214-4946
snyder.jim@epa.gov

From: Kata, Leonard (EEO) [<mailto:Leonard.Kata@vw.com>]
Sent: Thursday, December 05, 2013 5:58 PM
To: Snyder, Jim
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

Hello Jim:

Thanks for the update. I am not in the office tomorrow; However, is there a day next week that works for you for a pre-cert meeting? I recall that your availability in December may be limited.

Best Regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, December 05, 2013 5:49 PM
To: Giles, Michael (EEO)
Cc: Rodgers, William (EEO); Kata, Leonard (EEO)
Subject:

Mike, Len, I now have the GHG pre-cert report, the Pre-cert mtg handout and the Request for ADP approval letter. I think that is sufficient to allow me to review a few early 2015 certificates. I'll review the ADP approval request next week.

I still want to have a Pre-Cert mtg with Len. We have them with all the manufacturers and they are very useful .

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Giles, Michael (EEO)[michael.giles@vw.com]
Cc: Allen, Gregory[Gregory.Allen@vw.com]; Kata, Leonard (EEO)[Leonard.Kata@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Mon 12/16/2013 7:21:00 PM
Subject: RE: VW Group Certificate Requests

Mike, While I still have 2 other cert requests ahead of the 2 VW to finish reviewing, I have reviewed the request for durability carry-over and gave VW's 2 requests a quick scan. I didn't see any issues. I plan to complete everything before my last day, Thursday.

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Monday, December 16, 2013 9:45 AM
To: Snyder, Jim
Cc: Allen, Gregory; Kata, Leonard (EEO); Thomas, Richard (EEO); Rodgers, William (EEO)
Subject: RE: VW Group Certificate Requests

Hi Jim,

I just left a voicemail to follow up on the two test groups below. Please let us know status of these or if you need anything from us to proceed.

Thanks,

Mike

From: Rodgers, William (EEO)
Sent: Friday, December 06, 2013 11:49 AM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Giles, Michael (EEO); Allen, Gregory; Kata, Leonard (EEO)
Subject: VW Group Certificate Requests

Hello Jim,

We have submitted certification requests to Verify for the following 2015 test groups, as previously mentioned:

Ex. 4 - CBI

Please let us know if you have any questions or concerns regarding these requests.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Thur 12/12/2013 10:22:26 PM
Subject: RE: VW Group - Request for Approval Lev III / Tier 2 Label

Mike, Thanks for the heads up. I believe Len and I talked about this before so its not new to me. I'm off Friday so I will look it over on Monday.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Thursday, December 12, 2013 2:45 PM
To: Snyder, Jim
Cc: Good, David; Wehrly, Linc; Olechiw, Michael; Kata, Leonard (EEO); Rodgers, William (EEO); Allen, Gregory
Subject: VW Group - Request for Approval Lev III / Tier 2 Label

Hello Jim,

Today we uploaded (to VERIFY, Mfr. account VGA) a "Request for Approval" document, for MY 2015 light duty diesel Test Group

Ex. 4 - CBI

Ex. 4 - CBI

The document name was:

Ex. 4 - CBI

The request is for approval of two related topics within this test group:

- Approval of the label content as shown in the example included in the document
- Confirm our understanding of useful life certification requirements (see letter for details).

Because this information is needed to support production, we would appreciate any support you can provide to obtain a quick response to this request.

Please call me if you have any questions.

Regards,

Mike

Michael Giles

Certification Engineer – EEO

VW Group of America

(248) 754-4229

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Thur 12/5/2013 11:13:43 PM
Subject: RE:

There are several other pre-cert mtgs next week. Monday is booked. I think Tue, wed and thurs afternoons are open. Do you expect to submit many cert requests this month? If not, we can hold off to after the holiday if we have trouble setting a time.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Thursday, December 05, 2013 5:58 PM
To: Snyder, Jim
Cc: Rodgers, William (EEO); Giles, Michael (EEO)
Subject: RE:

Hello Jim:

Thanks for the update. I am not in the office tomorrow; However, is there a day next week that works for you for a pre-cert meeting? I recall that your availability in December may be limited.

Best Regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, December 05, 2013 5:49 PM
To: Giles, Michael (EEO)
Cc: Rodgers, William (EEO); Kata, Leonard (EEO)
Subject:

Mike, Len, I now have the GHG pre-cert report, the Pre-cert mtg handout and the Request for ADP approval letter. I think that is sufficient to allow me to review a few early 2015 certificates. I'll review the ADP approval request next week.

I still want to have a Pre-Cert mtg with Len. We have them with all the manufacturers and they are very useful .

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Wed 12/4/2013 3:26:31 PM
Subject: RE: Supplemental Information submitted

When will it be available for test?

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, December 04, 2013 10:08 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Supplemental Information submitted

Hello Jim,

Just FYI, I submitted the supplemental information for the Ex. 4 - CBI

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 11/21/2013 5:34:15 PM
Subject: RE: Request for Submittal Extension
[request for extension.pdf](#)

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, November 20, 2013 11:47 AM
To: Snyder, Jim
Cc: Allen, Gregory; Giles, Michael (EEO); Kata, Leonard (EEO)
Subject: Request for Submittal Extension

Hello Jim,

We are submitting the attached letter to get Agency approval for a 90-day extension for the submittal of 2013 Application Common Sections.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Snyder, Jim
Sent: Tue 11/19/2013 8:28:50 PM
Subject: RE: Volkswagen teleconference on BEV and PHEVs

Len, do you have a teleconference phone # and passcode for us to use?

Do you think you will have any handout docs for the PHEV portion? Several extra people are attending to hear about the PHEV test comments. That is a topical subject right now.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Tuesday, November 19, 2013 1:22 PM
To: Snyder, Jim; Ott, William; Dalton, Joel; Wright, DavidA
Cc: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom
Subject: RE: Volkswagen teleconference on BEV and PHEVs

To all:

Attached, for your information, is an advance copy of the slide presentation for the e-Golf topic. I do not have the final version of the PHEV material yet, but I will provide it as soon as it is available.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

-----Original Appointment-----

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Thursday, November 14, 2013 12:08 PM

To: Snyder, Jim; Ott, William; Dalton, Joel; Wright, DavidA; Kata, Leonard (EEO)

Cc: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom

Subject: Volkswagen teleconference on BEV and PHEVs

When: Wednesday, November 20, 2013 9:00 AM-10:30 AM (UTC-05:00) Eastern Time (US & Canada).

Where: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE

When: Wednesday, November 20, 2013 9:00 AM-10:30 AM (GMT-05:00) Eastern Time (US & Canada).

Where: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

For those interested. Phone conference with VW and Audi. Presentation on VW BEV and discuss Audi PHEV testing.

...A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- e-Golf Presentation
- PHEV Test Procedures

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
From: Snyder, Jim
Sent: Thur 11/14/2013 5:08:56 PM
Subject: RE: Re-scheduled Meeting with Volkswagen

Thanks.

From: Kata, Leonard (EEO) [mailto:Leonard.Kata@vw.com]
Sent: Thursday, November 14, 2013 11:54 AM
To: Snyder, Jim
Subject: RE: Re-scheduled Meeting with Volkswagen

Hello Jim:

Thanks for the reminder this morning regarding our telephone conference scheduled for Wednesday, November 20, 2013 (0900-1030). I have asked for advance copies of slides, etc., and will forward them to you upon receipt. Also, the call-in information is detailed below:

To join by phone dial:

Non-Responsive

The conference ID is:

Non-Responsive

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Kata, Leonard (EEO)

Sent: Thursday, November 07, 2013 3:01 PM

To: 'Snyder, Jim'

Subject: RE: Re-scheduled Meeting with Volkswagen

Jim:

Wednesday might be okay. Could you pencil that in and I will double-check?

Thanks,

Len

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, November 07, 2013 2:28 PM
To: Kata, Leonard (EEO)
Subject: RE: Re-scheduled Meeting with Volkswagen

Len, how committed are they to Tuesday? Linc has a directors mtg at 8:30 every Tuesday and then he has a group mtg with us at 10. Wed would be better.

From: Kata, Leonard (EEO) [<mailto:Leonard.Kata@vw.com>]
Sent: Thursday, November 07, 2013 2:18 PM
To: Snyder, Jim
Subject: Re-scheduled Meeting with Volkswagen

Hello Jim:

A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- e-Golf Presentation
- PHEV Test Procedures

Just as a reminder the original EPA participants list was:

Linc Wehrly

Jim Snyder

Joel Ball

William Ott

Joel Dalton

Bill Pidgeon

Tom Anderson

Let me know what you think. If it is a go, I will set up a local call-in number.

Best regards,

Len

Leonard W. Kata

Senior Manager

Emission Regulations and Certification

Engineering and Environmental Office

Volkswagen Group of America, Inc.

Phone: (248) 754-4204

Cell: (248) 797-3886

E-Mail: leonard.kata@vw.com

From: Snyder, Jim
Required Attendees: Ott, William; Dalton, Joel; Wright, DavidA;
Leonard.Kata@vw.com
Optional Attendees: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen teleconference on BEV and PHEVs
Start Date/Time: Wed 11/20/2013 2:00:00 PM
End Date/Time: Wed 11/20/2013 3:30:00 PM

When: Wednesday, November 20, 2013 9:00 AM-10:30 AM (GMT-05:00) Eastern Time (US & Canada).

Where: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

For those interested. Phone conference with VW and Audi. Presentation on VW BEV and discuss Audi PHEV testing.

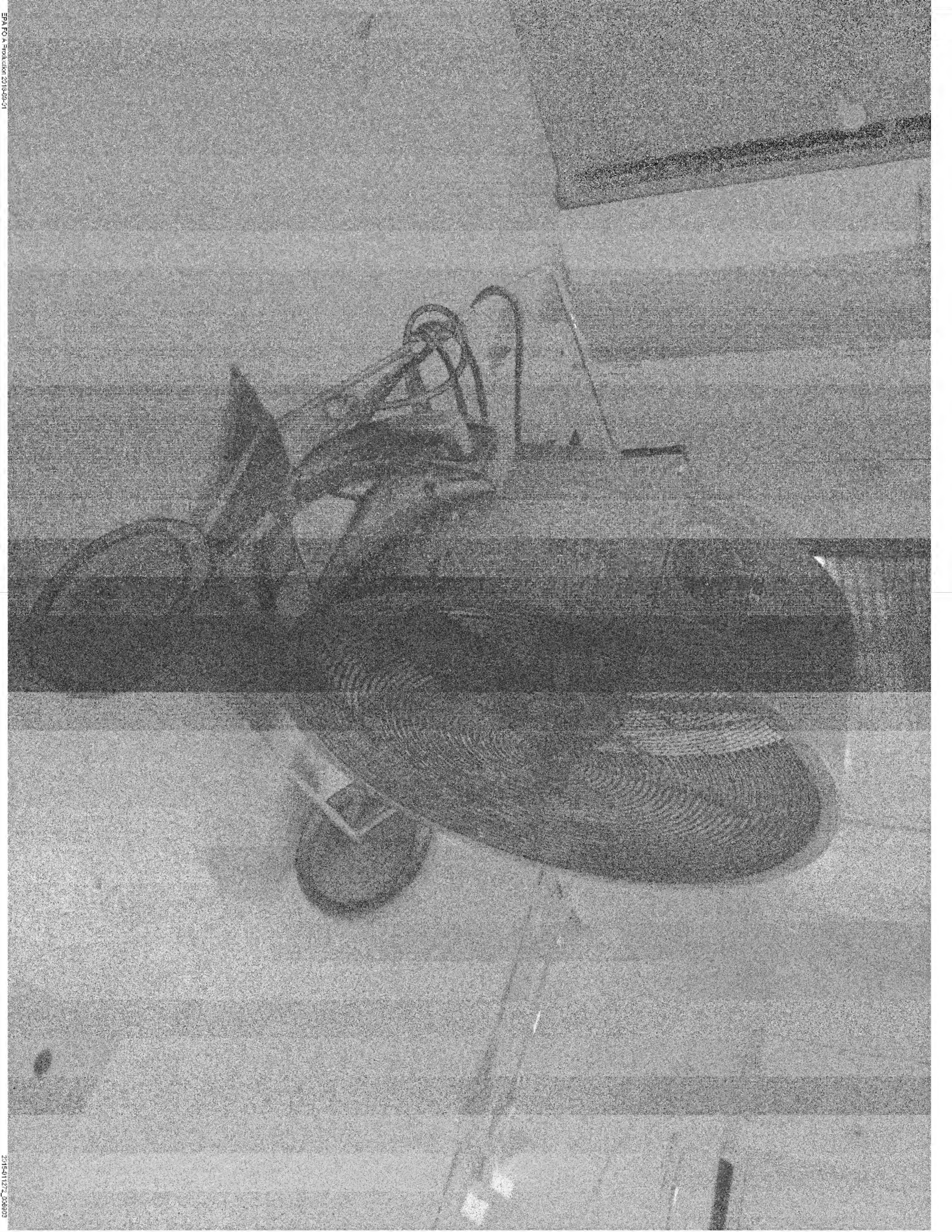
...A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

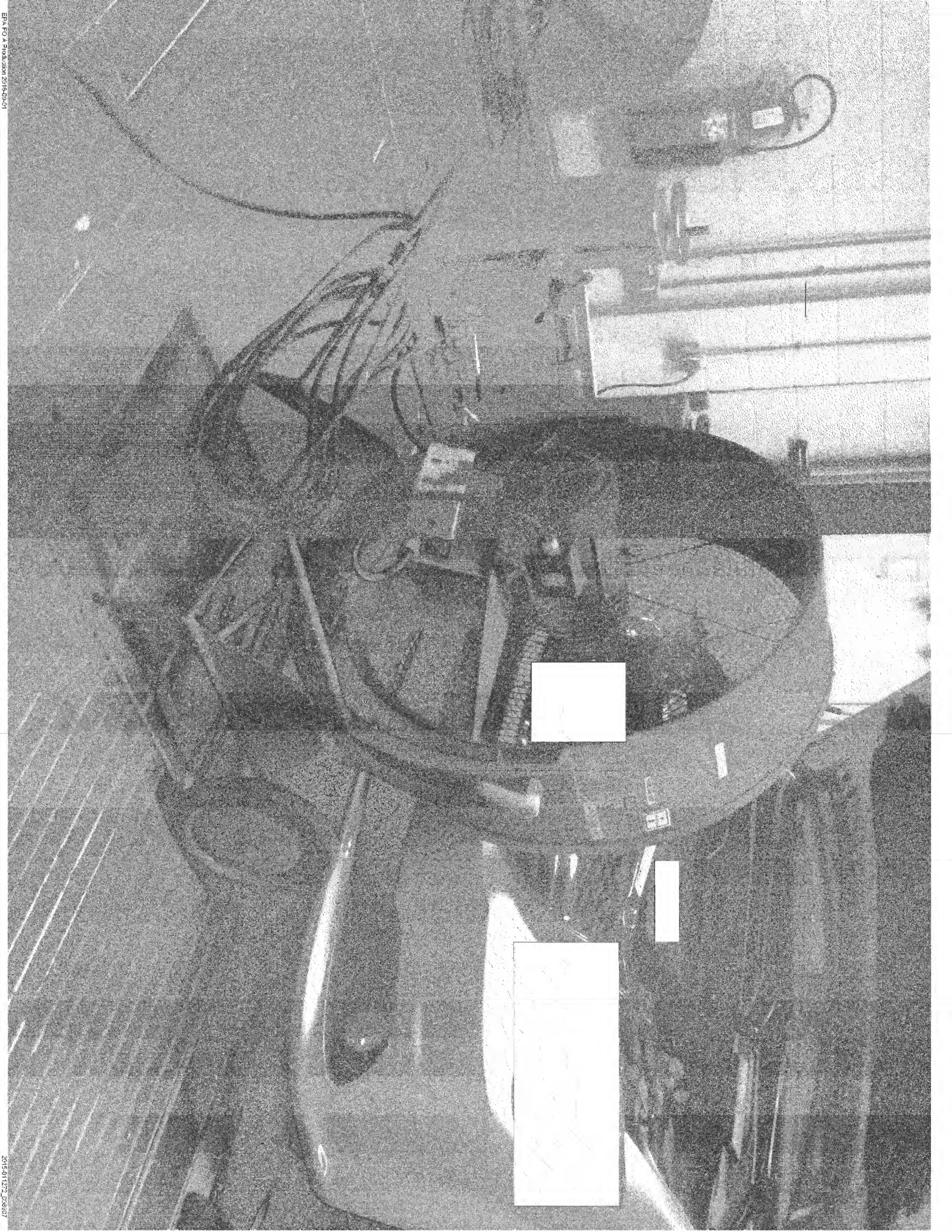
- * e-Golf Presentation
- * PHEV Test Procedures

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 10/31/2013 4:18:04 PM
Subject: US06 fan pics
[CAM01463.jpg](#)
[CAM01465a.JPG](#)
[CAM01464.jpg](#)

Bill, here are some pics of our US06 fans. Can you pass them on?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov







To: Glas, Tobias[Tobias.Glas@vw.com]
From: Snyder, Jim
Sent: Wed 10/23/2013 7:59:16 PM
Subject: RE: EPA Coastdown results of VW Vehicles

I have Friday off so Thursday is better for me. We have a mtg w/ the lab at 8am but it usually ends b4 8:30.

Jim

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Wednesday, October 23, 2013 3:26 PM
To: Snyder, Jim
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

In that case we'd like to offer a Jetta to be coasted down the next time you run tests.

I can either be at EPA tomorrow for the 7 am test or for the tests on Friday.

Please let me know what is more convenient for you.

Thanks

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Monday, October 21, 2013 5:18 PM

To: Glas, Tobias

Subject: RE: EPA Coastdown results of VW Vehicles

Hi Tobias, yes they still plan to run them this week. I have a long mtg from 9:30 to 12:00 on thursday so we could get together before that but its safer to plan for after lunch.

RE the questions,

for coastdown testing we use our contractor for procuring test vehicles and sometimes for renting test facilities but we do all the testing and analysis ourselves.

Though I've heard of them , I don't believe our SHEDs have a bag but I need to confirm that.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946

snyder.jim@epa.gov

From: Glas, Tobias [<mailto:Tobias.Glas@vw.com>]
Sent: Monday, October 21, 2013 3:45 PM
To: Snyder, Jim
Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

Hope everything is fine at EPA !

We have two Cert cars over at EPA this week and it looks like the tests will be run on Thursday.

I'm planning on coming over and would like to meet you for a quick talk.

Here is the questions I have:

Did you do the Coast Down testing yourself or did you hire a company ?

Are your SHED chambers fixed volume ? If not do they work with a bag or a moveable roof.

Please let me know if you can find a few minutes for me on Thursday.

Thanks

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Glas, Tobias

Sent: Tuesday, October 01, 2013 3:25 AM

To: 'Snyder, Jim'

Subject: RE: EPA Coastdown results of VW Vehicles

Hi Jim !

Sorry for getting back to you so late but here are the answers about our Coast Down determination.

Ex. 4 - CBI

ranges.

Can you give me any information if the Coast Down verification was done by EPA or by a contractor?

If it was done by a contractor could you please forward me a contact information ?

Thank you very much !

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Friday, June 28, 2013 4:15 PM
To: Glas, Tobias
Subject: EPA Coastdown results of VW Vehicles

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Glas, Tobias[Tobias.Glas@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Tue 10/22/2013 8:02:29 PM
Subject: VW Vehicles

Hi Bill, I left you a voice mail that the test cells are back up and running sooner than I expected. Looks like they may run them Thursday after all. Its best if you can deliver the 2nd car in the morning so they can still prep it for Thursday.

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 9/26/2013 1:44:22 PM
Subject: FW: Confirmatory Test Date Reschedule

From: Haynes, Ben
Sent: Thursday, September 26, 2013 9:23 AM
To: Snyder, Jim
Subject: RE: Confirmatory Test Date Reschedule

I have rescheduled both vehicles for testing 24 October, 2013 in Verify.

Ben

From: Snyder, Jim
Sent: Thursday, September 26, 2013 8:58 AM
To: Haynes, Ben
Subject: FW: Confirmatory Test Date Reschedule

Hi Ben, Let me know if you don't see these revised availability dates come through on your side.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Thursday, September 26, 2013 8:47 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Confirmatory Test Date Reschedule

Hello Jim,

I processed new Decision Information files for the following test vehicles with hopes of rescheduling tests for the week of October 14th. Please let me know the scheduled dates as soon

as you can so flight arrangements can be made from Germany.

Ex. 4 - CBI

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

From: Snyder, Jim
Required Attendees: Kata, Leonard (EEO); Wehrly, Linc; Ball, Joel; Ott, William; Dalton, Joel; Pidgeon, Bill; Anderson, Tom
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen/Audi Meeting with EPA
Start Date/Time: Mon 10/7/2013 1:30:00 PM
End Date/Time: Mon 10/7/2013 3:30:00 PM

When: Monday, October 07, 2013 9:30 AM-11:30 AM (GMT-05:00) Eastern Time (US & Canada).
Where: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

Representatives from Volkswagen AG and Audi AG will be visiting the U.S. in early October 2013. We would like to take this opportunity to meet with you to discuss certification-related topics. The primary emission certification topic is the E-Golf preview for MY2015.

There may also be discussion regarding PHEV testing and calculations unless we have that at an earlier mtg.

To: Nevers, Chris[nevers.chris@epa.gov]
Cc: Nick.Tamborra@vw.com[Nick.Tamborra@vw.com]
From: Snyder, Jim
Sent: Thur 9/12/2013 9:28:15 PM
Subject: RE: VW PHEV Procedures Meeting

Chris, Nick is local here in Michigan. Rather than wait for the big Cert mtg, maybe we set something up with just him in the next week or so before you leave. It would be a good opportunity for me too given the other testing I have at the end of the month.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Nevers, Chris
Sent: Thursday, September 12, 2013 2:00 PM
To: Snyder, Jim
Subject: RE: VW PHEV Procedures Meeting

I spoke with Nick Tambora . He wanted to attach the PHEV meeting to the cert preview...

From: Snyder, Jim
Sent: Wednesday, September 11, 2013 4:19 PM
To: Nevers, Chris
Subject: RE: VW PHEV Procedures Meeting

If you'll be around to attend sure!

From: Nevers, Chris
Sent: Wednesday, September 11, 2013 4:02 PM
To: Snyder, Jim
Subject: FW: VW PHEV Procedures Meeting

Did you want me to set something up?

From: Tamborra, Nick (EEO) [<mailto:Nick.Tamborra@vw.com>]
Sent: Monday, August 26, 2013 4:09 AM
To: Nevers, Chris
Cc: Johnson, Stuart (EEO); Kata, Leonard (EEO); Schlueter, Hannah (EASZ/1)
Subject: VW PHEV Procedures Meeting

Hi Chris,

We have some staff coming from Germany in early October. They still have a few open points about PHEV calculations and procedures and would appreciate sitting with you to step through their understanding. Would it be possible to set up a meeting for Oct-7th at EPA?

I would like to try and schedule something now since we are coordinating several meetings during that timeframe.

Thanks for your help,

Nick

Nick Tamborra
Regulatory Affairs

Engineering and Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Phone: (248) 754-4217
Cell: (248) 420-0530
FAX: (248) 754-4207
E-Mail: nick.tamborra@vw.com

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Tue 8/27/2013 7:17:53 PM
Subject: Verify's Driver trace input

Christi and Karen are both off this week but I looked at the Industry mtg presentation. On the last slide of the Driver trace section, page 63, it says to enter 99.99 if no data.

- Verify will require beginning in 2015 MY (Summer 2013 release)
- If no driver trace data is available
- Enter 99.99
- Driver trace request from EPA more likely
- EPA confirmatory more likely

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Mon 8/12/2013 4:36:57 PM
Subject: FW: N2O testing waiver extended through MY 2016

From: French, Roberts
Sent: Monday, August 12, 2013 12:36 PM
To: Snyder, Jim
Subject: N2O testing waiver extended through MY 2016

86.1829 (b)(1)(iii)

(G) For the 2012 through 2016 model years, in lieu of testing a vehicle for N₂ O emissions, a manufacturer may provide a statement in its application for certification that such vehicles comply with the applicable standards. Such a statement may also be used for 2017 and 2018 model year vehicles only if the application for certification for those vehicles is based upon data carried over from a prior model year, as allowed under this subpart. No 2019 and later model year vehicles may be waived from testing for N₂ O emissions. Such a statement must be based on previous emission tests, development tests, or other appropriate information and good engineering judgment. Vehicles certified to N₂ O standards using a compliance statement in lieu of submitting test data are not required to collect and submit N₂ O emission data under the in-use verification testing requirements of § 86.1845.

Roberts W. French, Jr.

Environmental Protection Specialist

Compliance Division

National Vehicle and Fuel Emissions Laboratory

2000 Traverwood Drive

Ann Arbor, Michigan 48105

Phone: (734) 214-4380

Fax: (734) 214-4053

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Wed 7/31/2013 12:29:35 PM
Subject: RE: Please Deny Cert Request - Jetta Hybrid

Your request to Deny is approved.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, July 31, 2013 7:32 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Please Deny Cert Request - Jetta Hybrid

Hello Jim,

Per my phone message, please deny the Certification request for 2014 Test Group

Ex. 4 - CBI

Thanks,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Peavyhouse, Robert[Peavyhouse.Robert@epa.gov]; Stump, Barbara[Stump.Barbara@epa.gov]
From: Snyder, Jim
Sent: Tue 7/30/2013 4:29:15 PM
Subject: RE: Corrected Test Group Name for 2014 Jetta Hybrid

Bob said you might be able to just change the Test group name in the FE label. Is there a box that requests test group? If not you can invalidate or void it .

I passed the correction form to Barbra Stump so your fees can be re-assigned to the correct test group name. Once that's done I will have Chris Nevers void the old certificate name and I will approve the new one.

-JIM

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Friday, July 26, 2013 9:22 AM
To: Snyder, Jim
Cc: Good, David; Stump, Barbara; Rodgers, William (EEO); Sohacki, Lynn; Kata, Leonard (EEO)
Subject: Corrected Test Group Name for 2014 Jetta Hybrid

Hi Jim;

Please find attached the EPA Certification Fee correction form (if needed) to correct the test group name of our already certified 2014 Jetta Hybrid. Bill has sent the corrected application today and has made the changes to the CSI information and has requested the issuance of a certificate of conformity, if this is the way in which you choose to handle this correction. Please make contact with Bill, when you are back, regarding how we can correct the name. We might have to withdraw the original test group and request a new certificate. Lynn was going to contact you also, with regard to this correction.

Best regards,

Richard

Richard E. Thomas

VOLKSWAGEN Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Engineering and Environmental Office (EEO)

Phone: 248 754-4213

Fax: 248 754-4207

Richard.Thomas@VW.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 7/25/2013 2:25:14 PM
Subject: FW: Drivers Trace Information Request VID 3UF-SQ5
[D920130217010testtra.xls](#)
[D220130217012testtra.xls](#)

From: Courtois, William
Sent: Thursday, July 25, 2013 10:15 AM
To: Snyder, Jim
Subject: RE: Drivers Trace Information Request VID 3UF-SQ5

Jim,

The two files are attached.

Bill

From: Snyder, Jim
Sent: Thursday, July 25, 2013 9:16 AM
To: Courtois, William
Subject: FW: Drivers Trace Information Request VID 3UF-SQ5

Bill, can you access these traces for VW?

Jim

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Wednesday, July 24, 2013 11:28 AM
To: Snyder, Jim
Cc: Kata, Leonard (EEO); Giles, Michael (EEO); Allen, Gregory
Subject: Drivers Trace Information Request VID 3UF-SQ5

Hello Jim,

To better understand the result differences found between our manufacturer tests and the EPA confirmatory tests recently performed, we are interested in obtaining the EPA drivers trace data from the FTP75 testing performed on June 28th and July 16th for the

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI The lab test numbers are as follows:

Ex. 4 - CBI

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Allen, Gregory[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Mon 7/22/2013 5:45:29 PM
Subject: RE: Certificate [redacted] **Ex. 4 - CBI** [redacted] has been issued
[redacted] **Ex. 4 - CBI** [redacted]

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, July 22, 2013 8:46 AM
To: Snyder, Jim
Cc: Allen, Gregory
Subject: RE: Certificate [redacted] **Ex. 4 - CBI** [redacted] has been issued

Thanks no rush.

-----Original Message-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, July 22, 2013 8:44 AM
To: Rodgers, William (EEO)
Subject: RE: Certificate [redacted] **Ex. 4 - CBI** [redacted] has been issued

Nobody can sign into Verify this morning. I'll send it once its fixed.

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, July 22, 2013 8:03 AM
To: Snyder, Jim
Subject: RE: Certificate [redacted] **Ex. 4 - CBI** [redacted] has been issued

resend

-----Original Message-----

From: Rodgers, William (EEO)
Sent: Monday, July 22, 2013 7:26 AM
To: 'Jim Snyder' (Snyder.Jim@epamail.epa.gov)
Cc: Verify Help Desk; Allen, Gregory; Giles, Michael
Subject: FW: Certificate [redacted] **Ex. 4 - CBI** [redacted] has been issued

Hello Jim,
Please forward a pdf copy of the Certificate mentioned below. It continues to be a problem when Certificates are only accessible by the submitter.

Thanks,
Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]

Sent: Friday, July 19, 2013 12:56 PM

To: Rodgers, William (EEO); Hart, Robert (VWoA); Giles, Michael (EEO); VWoA EEO Government

Subject: Certificate [REDACTED] Ex. 4 - CBI has been issued

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Certificate Number [REDACTED] Ex. 4 - CBI has been issued. A copy of the signed certificate is attached below.

The Verify submission this message relates to has the following values:

Test Group Name: [REDACTED] Ex. 4 - CBI

The following transaction identifier has been assigned to this request:

[REDACTED] Ex. 4 - CBI

Please do not reply to this message.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2014 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT OF 1990


OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: **Bentley Motors Ltd.**
(U.S. Manufacturer or Importer)

Certificate Number: **EBEXV06.84LA-002**

Effective Date:
07/19/2013

Expiration Date:
12/31/2014


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/19/2013

Revision Date:
N/A

Test Group Name: **EBEXV06.84LA**

Evaporative/Refueling Family Name: **EBEXR0220262**

Applicable Exhaust Emission Standards: **Federal Tier 2 Bin 5**

Applicable Evaporative/Refueling Standards: **Federal LEV-II Evap**

Engine Displacement: **6.8 Liters**

Exhaust Emission Test Fuel Type: **Tier 2 Cert Gasoline**

Full Useful Life Miles: **Exhaust Emissions: 120,000 miles**

Full Useful Life Miles: **Evaporative/Refueling Emissions: 120,000 miles**

Models Covered: **Bentley Motors Ltd.; Mulsanne**

Pursuant to section 206 of the Clean Air Act (42 U.S.C. 7525) and 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 1037, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c), and 40 CFR 1037 as applicable.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable and which are produced during the 2014 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.

In the case of completely assembled vehicles, this certificate of conformity covers only vehicles which are completely manufactured prior to January 1, 2015. Normally incompletely assembled vehicles (such as cab chassis) may be completed after this date, provided that the basic manufacturing (including installation of the emission control system) was completed prior to January 1, 2015. This certificate does not cover vehicles sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

To: Rodgers, William (EEO)[William.Rodgers@vw.com]; Mazaitis, Vincent[mazaitis.vincent@epa.gov]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Thur 7/18/2013 12:41:07 PM
Subject: RE: Audi SQ5 Release Request - 3UF-SQ5

Okay.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Thursday, July 18, 2013 7:42 AM
To: Mazaitis, Vincent; Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Audi SQ5 Release Request - 3UF-SQ5

Hello guys,

We are finished testing the Audi SQ5 VID-3UF-SQ5, please release it for transporter pick up.
We hope to retrieve the vehicle today or tomorrow.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Giles, Michael (EEO)[michael.giles@vw.com]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Mon 7/15/2013 6:14:07 PM
Subject: RE: VW - Certificate and Confirmatory Test

All I could find out for tomorrow's testing is the usual, be there by 7 am. I don't get in until 8 so tell the guard you're here for testing and mention Vince Mazaitis as contact.

-Jim

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Monday, July 15, 2013 7:38 AM
To: Snyder, Jim
Cc: Rodgers, William (EEO)
Subject: VW - Certificate and Confirmatory Test

Hello Jim,

We received a notice Friday that the certificate for the Jetta Hybrid (Test Group EVWXV01.4PHE and evap family EVWXR0110PHE) was issued. Would you be able to forward the PDF to me? Bill is out of the office today and I am unable to get a copy of this cert.

Lastly, could you let us know the start time for the re-test for the SQ5 Tuesday. Bill is planning to be there for the test.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Mon 7/15/2013 12:24:28 PM
Subject: RE: VW - Certificate and Confirmatory Test
Certificate EVWXV01.4PHE.pdf

Here's is the certificate. I'll see if I can find something out on the test time.

-Jim

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Monday, July 15, 2013 7:38 AM
To: Snyder, Jim
Cc: Rodgers, William (EEO)
Subject: VW - Certificate and Confirmatory Test

Hello Jim,

We received a notice Friday that the certificate for the Jetta Hybrid (Test Group EVWXV01.4PHE and evap family EVWXR0110PHE) was issued. Would you be able to forward the PDF to me? Bill is out of the office today and I am unable to get a copy of this cert.

Lastly, could you let us know the start time for the re-test for the SQ5 Tuesday. Bill is planning to be there for the test.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2014 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT OF 1990

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Volkswagen

(U.S. Manufacturer or Importer)


Certificate Number: EVWXXV01.4PHE-025

Effective Date:

07/12/2013

Expiration Date:

12/31/2014


Byron J. Bunker, Division Director
Compliance Division

Issue Date:

07/12/2013

Revision Date:

N/A

Test Group Name: EVWXXV01.4PHE

Evaporative/Refueling Family Name: EVWXR0110PHE

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 3

Applicable Evaporative/Refueling Standards: Federal LEV-II Evap

Engine Displacement: 1.4 Liters

Exhaust Emission Test Fuel Type: Tier 2 Cert Gasoline

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Volkswagen Jetta Hybrid

Pursuant to section 206 of the Clean Air Act (42 U.S.C. 7525) and 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 1037, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c), and 40 CFR 1037 as applicable.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable and which are produced during the 2014 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

In the case of completely assembled vehicles, this certificate of conformity covers only vehicles which are completely manufactured prior to January 1, 2015. Normally incompletely assembled vehicles (such as cab chassis) may be completed after this date, provided that the basic manufacturing (including installation of the emission control system) was completed prior to January 1, 2015. This certificate does not cover vehicles sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 7/11/2013 6:25:34 PM
Subject: RE: VW Group - Certificates pending

I see it now.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Thursday, July 11, 2013 1:51 PM
To: Snyder, Jim
Subject: RE: VW Group - Certificates pending

We had a submission failure for the Bentley. It was resubmitted correctly so you should see it now. Thanks for the heads up.

Bill

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, July 11, 2013 12:20 PM
To: Rodgers, William (EEO)
Subject: RE: VW Group - Certificates pending

I don't see anything in Verify regarding the Bentley. The other two are there. I'm in phone conference all day today but tomorrow looks pretty open.

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Thursday, July 11, 2013 9:08 AM
To: Snyder, Jim
Cc: Allen, Gregory; Giles, Michael (EEO)
Subject: VW Group - Certificates pending

Hello Jim,

Just to be sure we are on the same page, I show pending Certificates for the following:

VW test group

Ex. 4 - CBI

Audi test group

Ex. 4 - CBI

Bentley test group

Ex. 4 - CBI

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Wed 7/10/2013 5:33:11 PM
Subject: RE: Audi SQ5 retest - VID E3UF-SQ5

Okay, I 've passed it on to the lab.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, July 10, 2013 11:10 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: Audi SQ5 retest - VID E3UF-SQ5

Hello Jim,

Just as a follow up to my phone message, we would like to request that the Audi SQ5 be placed

Non-Responsive

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Glas, Tobias[Tobias.Glas@vw.com]
From: Snyder, Jim
Sent: Fri 6/28/2013 2:14:37 PM
Subject: EPA Coastdown results of VW Vehicles
Coast results to VW mtg 06 28 13.pptx

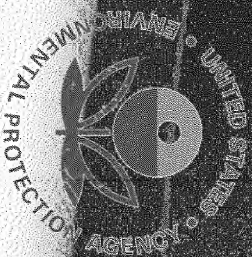
Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov



Road Load/Coast Down Testing Production Audit of VW vehicles

EPA

June 28, 2013



EPA Audit Testing

- For the 2013 CY, EPA plans to test approximately 20 production vehicles from various manufactures
- EPA tested a production 2012 MY VW Passat in Sep. 2012
- and a 2013 VW Tiguan in June 2013

5/11/2016

2



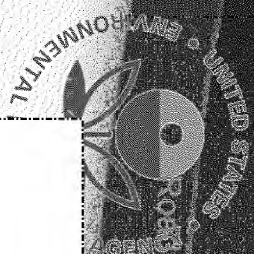
EPA Audit Testing

- EPA test procedures
 - EPA followed the test procedures described J2263
 - EPA generally targets lower wind conditions than allowed in the SAE procedures. (<7 mph average and <10 mph peak)
 - EPA primarily tests with on-board anemometer. Except, in low wind conditions (i.e. < 5 mpg average), EPA may test with stationary anemometer.
 - The vehicles were ballasted to ETW with driver and equipment



EPA Audit Testing

- EPA test procedures (continued)
 - The vehicles are aligned prior to testing
 - The ride height and wheel drag may be measured prior to testing but will not be adjusted.
- EPA Analysis method
 - Analysis is performed using the SAE analysis software tool or by equations of force from J1263 (using the temperature and baro correction given in J1263)
- EPA compares the Audit results to the manufacture reported road loads based on work done over the emission cycles as proposed in CCD-02-01



Ecological Comparison Worksheet



Roadload (lbf)

EX. 4, 7



Roadload (lbf)

Ex. 4, 7

■ Audit

To: Glas, Tobias[Tobias.Glas@vw.com]; Ball, Joel[ball.joel@epa.gov]
Cc: Mazaitis, Vincent[mazaitis.vincent@epa.gov]
From: Snyder, Jim
Sent: Thur 6/27/2013 8:36:23 PM
Subject: RE: Audi SQ5 Confirmatory Test Date set

Okay.

-----Original Message-----

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, June 27, 2013 4:25 PM
To: Snyder, Jim; Ball, Joel
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

Actually Garrett and I will be there at 7am and Stuart will join at 9am.

See you tomorrow !

Tobias

-----Original Message-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Thursday, June 27, 2013 3:40 PM
To: Glas, Tobias; Ball, Joel
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

9 am sounds good. I didn't bother to reserve a conference room but that shouldn't be a problem on a Friday. Will Stewart and Garrett be coming with you at 7 or at 9?

-----Original Message-----

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, June 27, 2013 3:00 PM
To: Snyder, Jim
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hi Jim !

I'm gonna be at EPA for our retest tomorrow at 7am. What time do you want to do the presentation about the coast down values? Maybe at around 9 am?

Stuart Johnson and my colleague Garrett Horton would like to join us for the presentation I hope that is ok.

Best regards

Tobias Glas
In-Use Emission Compliance Specialist
Engineering & Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

-----Original Message-----

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Wednesday, June 26, 2013 2:03 PM
To: Rodgers, William (EEO)
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hello Bill,

Thanks for the "heads up." I'll know more tomorrow, and will contact you.

Thanks,

Vince Mazaitis

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, June 26, 2013 1:38 PM
To: Mazaitis, Vincent
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hello Vince,

Our resident Engineer Tobias Glas will attend the Audi testing scheduled for Friday. Please let us know what time the test is expected to start.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Wednesday, June 26, 2013 11:48 AM
To: Thomas, Richard (EEO); Giles, Michael (EEO); Rodgers, William (EEO); VWoA EEO Government
Subject: Confirmatory Test Date set

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Confirmatory Test Date has been set for the following vehicle :

Ex. 4 - CBI

Please do not reply to this message.

To: Glas, Tobias[Tobias.Glas@vw.com]; Ball, Joel[ball.joel@epa.gov]
Cc: Mazaitis, Vincent[mazaitis.vincent@epa.gov]
From: Snyder, Jim
Sent: Thur 6/27/2013 7:39:33 PM
Subject: RE: Audi SQ5 Confirmatory Test Date set

9 am sounds good. I didn't bother to reserve a conference room but that shouldn't be a problem on a Friday. Will Stewart and Garrett be coming with you at 7 or at 9?

-----Original Message-----

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, June 27, 2013 3:00 PM
To: Snyder, Jim
Cc: Mazaitis, Vincent
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hi Jim !

I'm gonna be at EPA for our retest tomorrow at 7am. What time do you want to do the presentation about the coast down values? Maybe at around 9 am?

Stuart Johnson and my colleague Garrett Horton would like to join us for the presentation I hope that is ok.

Best regards

Tobias Glas
In-Use Emission Compliance Specialist
Engineering & Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America

Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

-----Original Message-----

From: Mazaitis, Vincent [mailto:mazaitis.vincent@epa.gov]
Sent: Wednesday, June 26, 2013 2:03 PM
To: Rodgers, William (EEO)
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: RE: Audi SQ5 Confirmatory Test Date set

Hello Bill,

Thanks for the "heads up." I'll know more tomorrow, and will contact you.

Thanks,

Vince Mazaitis

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, June 26, 2013 1:38 PM
To: Mazaitis, Vincent
Cc: Snyder, Jim; Giles, Michael (EEO); Allen, Gregory; Glas, Tobias
Subject: FW: Audi SQ5 Confirmatory Test Date set

Hello Vince,
Our resident Engineer Tobias Glas will attend the Audi testing scheduled for Friday. Please let us know what time the test is expected to start.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219
william.rodgers@vw.com

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Wednesday, June 26, 2013 11:48 AM
To: Thomas, Richard (EEO); Giles, Michael (EEO); Rodgers, William (EEO); VWoA EEO Government
Subject: Confirmatory Test Date set

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Confirmatory Test Date has been set for the following vehicle :

Ex. 4 - CBI

The following transaction identifier has been assigned to this request:

Ex. 4 - CBI

Please do not reply to this message.

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Mon 6/24/2013 7:50:18 PM
Subject: RE: Audi SQ5 Retest - VID E3UF-SQ5

No yet, I 'll try and find out tomorrow morning.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, June 24, 2013 3:17 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Glas, Tobias; Allen, Gregory
Subject: FW: Audi SQ5 Retest - VID E3UF-SQ5

Hi Jim,

Do you happen to know yet when these tests are to be run this week?

Bill

From: Rodgers, William (EEO)
Sent: Monday, June 24, 2013 7:10 AM
To: Snyder, Jim
Cc: Mazaitis, Vincent (mazaitis.vincent@epa.gov); Giles, Michael; Allen, Gregory
Subject: Audi SQ5 Retest - VID E3UF-SQ5

Hello Jim,

Based on the results of last week's confirmatory tests, we are requesting a retest of the US06 cycle. Please schedule this test along with the already planned FTP retest.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Glas, Tobias[Tobias.Glas@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com];
Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Ball, Joel[ball.joel@epa.gov]
From: Snyder, Jim
Sent: Thur 6/20/2013 10:00:34 PM
Subject: RE:

Yes, you are correct, I did a typo. That's why I like photos.

We still have the vehicle. I won't be in Friday but you can contact Lynn or Joel Ball if you need more info off of it.

From: Glas, Tobias [mailto:Tobias.Glas@vw.com]
Sent: Thursday, June 20, 2013 5:31 PM
To: Snyder, Jim; Thomas, Richard (EEO); Rodgers, William (EEO)
Cc: Ball, Joel
Subject: RE:

Hi Jim !

Just for clarification, the picture shows a Pirelli 215/65 R16 but in the email you mention 215/65 17.

So I guess it is a 265/65 R16?

Thanks!

Tobias Glas

In-Use Emission Compliance Specialist

Engineering & Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

United States of America

Phone: (248) 754-4211

Cell: (248) 494-1537

Fax: (248) 754-4207

E-Mail: Tobias.Glas@vw.com

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]

Sent: Thursday, June 20, 2013 5:14 PM

To: Thomas, Richard (EEO); Rodgers, William (EEO); Glas, Tobias

Cc: Ball, Joel

Subject:

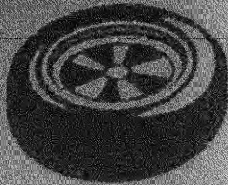
Ex. 4 - CBI

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]; Rodgers, William (EEO)[William.Rodgers@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]
Cc: Ball, Joel[ball.joel@epa.gov]
From: Snyder, Jim
Sent: Thur 6/20/2013 9:14:19 PM
[CAM00890 \(Large\).jpg](#)
[CAM00892 \(Large\).jpg](#)
[CAM00881 \(Large\).jpg](#)
[CAM00886 \(Large\).jpg](#)

Richard, I left you a voice mail about a vehicle we have that has a tire size that's not listed in the Cert Application. Can one of you see what the story is? It's a rental VW Tiquan, 2WD with 215/65 17 Pirelli Scorpion STR tires. See attached pics. They aren't listed in the Common section, is it in the FE database? Tobias (I'm guessing) gave Lynn some road load coefficients but they are probably for a different tire. We'd like to know the correct Road load coefficients.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov



TIRE AND LOADING INFORMATION
RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT

SEATING CAPACITY/NOMBRE DE PLACES: TOTAL 5 | FRONT/ 2 | REAR/ 3
AVANT | ARRIERE

THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED 520 KG OR 1145 LBS
LE POIDS TOTAL DES OCCUPANTS ET DU CHARGEMENT NE DOIT JAMAIS DEPASSER 520 KG OU 1145 LB

TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DE PNEUS A FROID
FRONT/AVANT	215/65 R16	240 KPA, 35 PSI
REAR/ARRIERE	215/65 R16	240 KPA, 35 PSI
SPARE/DE SECOURS	1145/80 R18	415 KPA, 61 PSI

SEE OWNER'S MANUAL
FOR ADDITIONAL
INFORMATION
VOIR LE MANUEL DE
L'USAGER POUR PLUS
DE RENSEIGNEMENTS



5N0 010 798 T



VOLKSWAGEN

VEHICLE EMISSION CONTROL INFORMATION

Conforms to regulations:

2013 MY

U.S. EPA:	T2B5	LDV	OBD: CA II	Fuel: Gasoline
California:	ULEV II	PC	OBD: CA II	Fuel: Gasoline

No adjustments needed.

DH/TWC(2)/HO2S(2)/CAC/TC

Group: DVWXJ02.03UA
Evap: DVWXR0125241

061010 828

(701010 690 B)



Ex. 6

To: Giles, Michael (EEO)[michael.giles@vw.com]; Mazaitis, Vincent[mazaitis.vincent@epa.gov]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]; Glas, Tobias[Tobias.Glas@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Thur 6/13/2013 2:41:37 PM
Subject: RE: VW Group - Audi Test Thursday 6/20

I'll talk to lab about arranging something.

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Thursday, June 13, 2013 10:32 AM
To: Mazaitis, Vincent; Snyder, Jim
Cc: Rodgers, William (EEO); Glas, Tobias; Allen, Gregory
Subject: VW Group - Audi Test Thursday 6/20

Hello Vince or Jim,

We have a new certification team employee, Greg Allen, who will come to EPA next week to witness the start of the SQ5 test on Thursday 6/20. Would you be able to arrange a lab tour similar to what we have done before? Tobias Glas may also be there so it would be a 2 at most for the tour.

Thanks,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 6/13/2013 1:52:10 PM
Subject: RE: 2014 Volkswagen Certification Fees

FYI, I'm in the office all day today. I don't see a cert request for this test group yet. Is it something in the near future?

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Thursday, June 13, 2013 8:56 AM
To: Fees
Cc: Stump, Barbara; VandenBroek, Willem; Snyder, Jim; Rodgers, William (EEO)
Subject: 2014 Volkswagen Certification Fees

Please find attached the fee filing for the 2014 Jetta Hybrid, test group EVWXV01.4PHE. Fees (\$29,848) were electronically transferred today June 13th, and should be available in the EPA account tomorrow.

If you have any questions, please contact me directly.

Regards,

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Snyder, Jim
Sent: Wed 6/5/2013 9:37:09 PM
Subject: Audi EADXJ02.0FUB fee payment

Engine Family	Request Type	Manufacturer	Amount (\$)	Date Cleared by Bank	Date Posted by EPA	Fee Type	Payment Type	Payment Identifier
EADXJ03.03UF		Audi	29,848.00	05/23/2010	05/30/2010	REGULAR	ARCH	
EADXJ03.04UG		Audi	32,678.00	02/05/2012	12/13/2012	REGULAR	ARCH	
EADXT02.05UB		Audi	29,848.00	05/23/2010	05/30/2010	REGULAR	ARCH	
EADXT03.02UG		Audi	29,848.00	03/08/2010	03/11/2010	REGULAR	WIRE	
EADXT03.08UG		Audi	29,848.00	04/27/2010	03/01/2010	REGULAR	ARCH	
EADXT03.0DLF		Audi	29,848.00	04/29/2010	04/30/2010	REGULAR	WIRE	
EAD XV02.0BUA		Audi	29,848.00	04/22/2010	04/23/2010	REGULAR	ARCH	
EAD XV02.0BUB		Audi	29,848.00	04/22/2010	04/23/2010	REGULAR	ARCH	
EAD XV04.0BUJ		Audi	29,848.00	04/22/2010	04/23/2010	REGULAR	ARCH	
EAD XV04.0B75		Audi	32,678.00	02/05/2012	12/12/2012	REGULAR	ARCH	
EAD XV04.0BUL		Audi	29,848.00	04/29/2010	04/30/2010	REGULAR	ARCH	
EAD XV05.0DR8		Audi	32,678.00	02/05/2012	12/12/2012	REGULAR	ARCH	

Ex. 4 - CBI

Bill, Richard I was looking thru the Audi Cert requests and noticed the 2nd test group , EADXJ02.0FUB, doesn't show payment. Here is what is shown paid. Do you know when payment was submitted?

Jim Snyder
 Light-Duty Vehicle Group
 Compliance Division
 United States Environmental Protection Agency
 (734) 214-4946
snyder.jim@epa.gov

To: Giles, Michael (EEO)[michael.giles@vw.com]
Cc: Allen, Gregory[Gregory.Allen@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com];
Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Mon 6/3/2013 10:22:02 PM
Subject: RE: VW Group - 1.8L Test Information

Thanks for the clarifying information. It turned out there was a random in both groups.

From: Giles, Michael (EEO) [<mailto:michael.giles@vw.com>]
Sent: Monday, June 03, 2013 3:42 PM
To: Snyder, Jim
Cc: Allen, Gregory; Thomas, Richard (EEO); Rodgers, William (EEO)
Subject: RE: VW Group - 1.8L Test Information

Hello Jim,

I also submitted 2 decision information data sets for the Passat (BIN 5 test group EVWXV02.0B5F):

VID	Config	Trans
VW411-4-0166	0	Manual
VW411-4-0168	0	Automatic

Regards

Mike

From: Giles, Michael (EEO)
Sent: Monday, June 03, 2013 1:59 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Allen, Gregory; Thomas, Richard (EEO); Rodgers, William (EEO)

Subject: RE: VW Group - 1.8L Test Information

Hello Jim,

I just submitted Decision Information for the following Jetta 1.8L Models (both are in BIN 5 test group EVWXV02.0B5F):

VID	Config	Trans
VW361-4-0182	0	Automatic
VW361-4-0237	0	Manual

Later today I will send two Passat d.i's (Manual & automatic) for the same test group.

From: Rodgers, William (EEO)
Sent: Monday, June 03, 2013 10:51 AM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Giles, Michael (EEO); Allen, Gregory; Thomas, Richard (EEO)
Subject: VW Group - 1.8L Test Information

Hello Jim,

I have uploaded the 2014 Jetta 1.8L (Bin3/SULEV) Automatic and Manual transmission Fuel Economy Test Information and Decision Information files to Verify for the test group EVWXV02.03PA (yet to be certified). This represents the new base engine for Jetta at the start of 2014 production and replaces the 2.5L I-5 engine used for these models in prior model years.

Both vehicles require manufacturer confirmatory tests for FTP/HWY cycles for high fuel economy for the ETW. We would appreciate your consideration as soon as possible considering

Ex. 4 - CBI

Ex. 4 - CBI

Note – The fuel economy data for Passat 1.8L models in this test group will be processed in Verify today.

The fuel economy data for Jetta and Passat Federal-only 1.8L models will also be processed today.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Allen, Gregory[Gregory.Allen@vw.com]
From: Snyder, Jim
Sent: Wed 5/29/2013 4:23:25 PM
Subject: RE: VW group - Certificate Status Check

Bill, I left you a phone message but its probably easier to put it on virtual paper below

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, May 29, 2013 8:35 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory
Subject: VW group - Certificate Status Check

Hi Jim,

I am just checking to see if we are on the same page with pending certificates. I currently have the following test groups as pending your approval:

EADXV02.03UB Fees paid but no cert request showing in verify

EADXJ02.0FUB Fees not paid and but no cert request showing in verify

EADXT02.0HUB Fee payment still not showing

EADXJ03.03UF Fee payment still not showing

EVWXV02.0U5N – Lock request with revised Certificate requested ?

EVWXV02.5M59 – just submitted today Fees paid

EVWXV02.5A59 – just submitted today Fees paid

VW 2.0U4S Fees paid

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]; VandenBroek, Willem[vandenbroek.willem@epa.gov]
Cc: Stump, Barbara[Stump.Barbara@epa.gov]
From: Snyder, Jim
Sent: Wed 5/22/2013 8:44:58 PM
Subject: RE: EADXT02.0HUB and EADXJ03.03UF

That's good to hear . I just checked, Bill updated the fees database today but its not in there yet. I have mandatory Furlough Thursday and flex day Friday so I will review and complete when I get back on Tuesday.

From: Thomas, Richard (EEO) [mailto:Richard.Thomas@vw.com]
Sent: Wednesday, May 22, 2013 10:49 AM
To: VandenBroek, Willem
Cc: Snyder, Jim; Stump, Barbara
Subject: RE: EADXT02.0HUB and EADXJ03.03UF

These two, plus the third Audi test group (EADXJ02.0FUB) will be electronically paid today and should be available in the EPA account tomorrow.

From: VandenBroek, Willem [mailto:vandenbroek.willem@epa.gov]
Sent: Friday, May 17, 2013 9:39 AM
To: Thomas, Richard (EEO)
Cc: Snyder, Jim; Stump, Barbara
Subject: EADXT02.0HUB and EADXJ03.03UF

Richard,

We noticed that application documents have been submitted for these two families, including their fee filing forms dated 5/2; these will be listed as paid and cleared for review once the payments have been received.

Regards,

Bill

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Snyder, Jim
Sent: Tue 5/21/2013 7:15:38 PM
Subject: RE: Cert Fee Payments

I talked to Richard Thomas about it yesterday but I haven't seen anything.

JIM

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, May 20, 2013 11:26 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: Cert Fee Payments

Hi Jim,

You mentioned to Mike that you are waiting on some Certification Fee payments to show up. Please let me know if there is anything on our side that is holding things up. It's my understanding that all have been paid but can follow up if not.

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Haynes, Ben[haynes.ben@epa.gov]
From: Snyder, Jim
Sent: Tue 5/14/2013 7:45:32 PM
Subject: RE: VW Group - Confirmatory Test Reschedule Requested

Since its not a diesel or AWD test vehicle, its not dependent on Cell 329. As long as Ben can fit it in that week's schedule.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, May 14, 2013 10:54 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Allen, Gregory; Thomas, Richard (EEO)
Subject: VW Group - Confirmatory Test Reschedule Requested

Hello Jim,

We would like to move up the confirmatory test for VID E3UF-SQ5 to June 19, 2013, with the vehicle arrival to EPA on Monday June 17th. In your absence I discussed the possibility of this change with Ben Haynes who seemed cautiously optimistic. I have submitted a correction to the Decision Information file to reflect the changed vehicle arrival date. Please let us know if in fact this test can be rescheduled.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Mon 5/13/2013 7:01:30 PM
Subject: RE: Revised Application

That was quick. Thanks for taking of that.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, May 13, 2013 2:48 PM
To: Snyder, Jim
Subject: Revised Application

Hi Jim,

I revised the application for test group EVWXV03.6U41 which was missing the Cert Fee Filing form.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Thur 5/9/2013 7:17:33 PM
Subject: RE: Certificate EBGTV08.0V16-001 with Evap Family EBGTR0230V16 has been issued
[EBGTV08.0V16-001.pdf](#)

Here it is. I'm leaving now. Will be back Monday.

BTW, The Audi got randomized.

-----Original Message-----

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Thursday, May 09, 2013 3:10 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: FW: Certificate EBGTV08.0V16-001 with Evap Family EBGTR0230V16 has been issued

Hi Jim,
Can you send us a copy of this Certificate. It went to Bob Hart's Verify inbox which I thought we had deactivated but did not for Bugatti. Therefore we can't access it.

Thanks,
Bill

-----Original Message-----

From: no-reply@epa.gov [mailto:no-reply@epa.gov]
Sent: Tuesday, April 30, 2013 3:38 PM
To: Rodgers, William (EEO); Hart, Robert (VWoA); Giles, Michael (EEO)
Subject: Certificate [REDACTED] **Ex. 4 - CBI** has been issued

The following is a courtesy copy of status message for a Verify submission. Any references made to links refer to links which will appear in the CDX Inbox message.

Ex. 4 - CBI

Please do not reply to this message.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2014 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT OF 1990

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: **Bugatti Automobiles S.A.S.**
(U.S. Manufacturer or Importer)

Certificate Number: **EBGTV08.0V16-001**

Effective Date:
04/30/2013

Expiration Date:
12/31/2014


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
04/30/2013

Revision Date:
N/A

Test Group Name: **EBGTV08.0V16**

Evaporative/Refueling Family Name: **EBGTR0230V16**

Applicable Exhaust Emission Standards: **Federal Tier 2 Bin 5**

Applicable Evaporative/Refueling Standards: **Federal LEV-II Evap**

Engine Displacement: **8.0 Liters**

Exhaust Emission Test Fuel Type: **Tier 2 Cert Gasoline**

Full Useful Life Miles: **Exhaust Emissions: 120,000 miles**

Full Useful Life Miles: **Evaporative/Refueling Emissions: 120,000 miles**

Models Covered: **Bugatti: Veyron**

Pursuant to section 206 of the Clean Air Act (42 U.S.C. 7525) and 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 1037, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c), and 40 CFR 1037 as applicable.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable and which are produced during the 2014 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, 1037, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.

In the case of completely assembled vehicles, this certificate of conformity covers only vehicles which are completely manufactured prior to January 1, 2015. Normally incompletely assembled vehicles (such as cab chassis) may be completed after this date, provided that the basic manufacturing (including installation of the emission control system) was completed prior to January 1, 2015. This certificate does not cover vehicles sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Wed 5/8/2013 2:19:45 PM
Subject: RE: VW Group - Question about particulate

Oh, just saw your message, great!

-----Original Message-----

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Wednesday, May 08, 2013 10:11 AM
To: Snyder, Jim; Verify Help Desk
Cc: Rodgers, William (EEO)
Subject: RE: VW Group - Question about particulate

Hello Jim / Vince,

Problem solved, please consider this issue closed!

Ex. 4, 7

Thanks for your help.

Mike

-----Original Message-----

From: Giles, Michael (EEO)
Sent: Tuesday, May 07, 2013 7:51 AM
To: 'Snyder, Jim'; Verify Help Desk
Cc: Rodgers, William (EEO)
Subject: RE: VW Group - Question about particulate

Thanks for the quick replies.

Ex. 4, 7

Regards,
Mike

-----Original Message-----

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, May 06, 2013 4:59 PM
To: Verify Help Desk; Giles, Michael (EEO)
Cc: Rodgers, William (EEO)
Subject: RE: VW Group - Question about particulate

Ex. 4, 7

-----Original Message-----

From: [REDACTED] [mailto:[REDACTED]@csc.com] On Behalf Of Verify Help Desk
Sent: Monday, May 06, 2013 4:32 PM
To: Giles, Michael (EEO)
Cc: Snyder, Jim; Rodgers, William (EEO)

Subject: Re: VW Group - Question about particulate

Hello Mr. Giles,

Ex. 4, 7

Ex. 4 - CBI

Verify Help Desk

Staffed by Computer Sciences Corporation, Contractor to the Environmental Protection Agency

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

"Giles, Michael
(EEO)"
<michael.giles@vw.com> To
Verify Help Desk@CSC, "Jim Snyder
(Snyder.Jim@epamail.epa.gov)"
05/06/2013 01:23 <Snyder.Jim@epamail.epa.gov>
PM cc
"Rodgers, William (EEO)"
<William.Rodgers@vw.com>
Subject
VW Group - Question about
particulate

Hello Vince and Jim,

I am trying to submit a carryover test group for Lamborghini, and am getting an error message

Ex. 4, 7

This was not required in the past.

Ex. 4, 7

Thanks,
Mike

Ex. 4, 7

Michael Giles
Emissions Certification Engineer
Engineering and Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI, 48326

Phone: 248 754 4229
Fax: 248 754 4207

<mailto:michael.giles@vw.com>
<http://www.vw.com>

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Wed 5/8/2013 2:18:57 PM
Subject: RE: VW Group - Question about particulate

I talked to Karen. They haven't changed anything w/regard to this. If you haven't resolved it, she offered to look at it if you send the results listing with the error message.

-----Original Message-----

From: [REDACTED] **Ex. 4 - CBI** [REDACTED]@csc.com] On Behalf Of Verify Help Desk
Sent: Monday, May 06, 2013 4:32 PM
To: Giles, Michael (EEO)
Cc: Snyder, Jim; Rodgers, William (EEO)
Subject: Re: VW Group - Question about particulate

Hello Mr. Giles,

Ex. 4, 7

Ex. 4 - CBI

Verify Help Desk
Staffed by Computer Sciences Corporation, Contractor to the Environmental Protection Agency

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"Giles, Michael
(EEO)"
<michael.giles@vw.com> To
Verify Help Desk@CSC, "Jim Snyder
(Snyder.Jim@epamail.epa.gov)"
05/06/2013 01:23 PM <Snyder.Jim@epamail.epa.gov>
cc
"Rodgers, William (EEO)"
<William.Rodgers@vw.com>
Subject
VW Group - Question about
particulate

Hello Ex. 4 - CBI and Jim,

Ex. 4, 7

Thanks,
Mike

Ex. 4, 7

Michael Giles
Emissions Certification Engineer
Engineering and Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI, 48326

Phone: 248 754 4229
Fax: 248 754 4207

<mailto:michael.giles@vw.com>
<http://www.vw.com>

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Tue 4/30/2013 10:29:50 PM
Subject: RE: VW Group - New certificate requests

Bill, the fee payments for all the cert requests are now logged in. I approved one but I have some other brand's requests in the queue ahead of the rest of them. I will be out the rest of the week but will work on them starting on Monday.

-JIM

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, April 30, 2013 7:27 AM
To: Snyder, Jim
Subject: RE: VW Group - New certificate requests

Thanks. We'll check the VW payment status and let you know if it went through today.

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Monday, April 29, 2013 3:24 PM
To: Rodgers, William (EEO)
Subject: RE: VW Group - New certificate requests

Thanks for the heads up. I'll keep an eye out for them.

There are a lot of cert apps in the queue. I can approve the Audis and Bugatti but the VW don't show payment yet.

Ex. 6

-Jim

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, April 29, 2013 8:25 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: VW Group - New certificate requests

Hello Jim,

As you might have seen we have submitted several 2014 applications and certificate requests for

Ex. 6

One point I wanted to draw your attention to is the request for test group

Ex. 4 - CBI

Ex. 4 - CBI

for these models.

Thanks,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Wright, DavidA[Wright.DavidA@epa.gov]
From: Snyder, Jim
Sent: Fri 4/19/2013 7:22:07 PM
Subject: RE: Certification Request for Bugatti

Bill, payment for the four Audi certs are not in the database yet either. I have completed reviewing the 4 Audi certs (all in the same test group) but Bill Vanden Broek isn't here today. If timing is an issue Bill Wright can follow up while I am gone next week.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, April 17, 2013 7:26 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: RE: Certification Request for Bugatti

Jim,

It looks like the Bugatti certification fee payment was delayed for some reason. We are trying to get it pushed through today so you can sign off before next week.

We will let you know when the payment goes through.

Regards,

Bill

From: Snyder, Jim [mailto:Snyder.Jim@epa.gov]
Sent: Tuesday, April 16, 2013 3:30 PM
To: Rodgers, William (EEO)
Cc: Giles, Michael (EEO)
Subject: RE: Certification Request for Bugatti

I see all five.

Ex. 6

From: Rodgers, William (EEO) [<mailto:William.Rodgers@vw.com>]
Sent: Tuesday, April 16, 2013 3:04 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: Certification Request for Bugatti

Hello Jim,

I submitted a Bugatti (manuf. code = BGT) Certificate Request to Verify but have not received a confirmation of accepted request. Did you received this request?

PS- I also submitted 4 Audi certification requests that seem to have gone through fine.

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]; Harris, Dale (EEO)[Dale.Harris@vw.com]
From: Snyder, Jim
Sent: Wed 3/13/2013 11:03:45 PM
Subject: RE: 2014 Certification Requests

As a heads up , I will be offsite for all of next week. I won't have Verify access but I may have sporadic email access. Dave Wright (214-4467) is cert backup. Vince will be primary contact for the Beetle TDI tests.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Wednesday, March 13, 2013 2:01 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Harris, Dale (EEO)
Subject: RE: 2014 Certification Requests

Correction. Test group EADXT03.02UG.

Bill

From: Rodgers, William (EEO)
Sent: Wednesday, March 13, 2013 1:56 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Cc: Giles, Michael; Harris, Dale (EEO)
Subject: 2014 Certification Requests

Hello Jim,

When submitting 2014 Certification Requests we continue to get rejection notices which say that our 2014 Pre-Model Year GHG Report has not been submitted. This report was submitted in December 2012. I submitted a Certification Request today for test group EVWXT03.02UG and indicated "No" when asked if the report has been submitted so that the request would be accepted. Please let us know if there is something else we need to do on our end to solve this issue.

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Johnson, Stuart (EEO)[Stuart.Johnson@vw.com]
From: Snyder, Jim
Sent: Thur 3/7/2013 3:19:46 PM
Subject: RE: PHEV Useful life mtg

You should see a mtg invitation .

From: Johnson, Stuart (EEO) [<mailto:Stuart.Johnson@vw.com>]
Sent: Thursday, March 07, 2013 9:21 AM
To: Snyder, Jim
Subject: RE: PHEV Useful life mtg

How about 10:00? That works for us.

From: Snyder, Jim [<mailto:Snyder.Jim@epa.gov>]
Sent: Thursday, March 07, 2013 9:02 AM
To: Johnson, Stuart (EEO)
Subject: PHEV Useful life mtg

Stuart, Chris is tied up Monday afternoon. We can do 9:00 or 10:00. Preference?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Snyder, Jim
Required Attendees: Nevers, Chris; Johnson, Stuart (EEO) [Stuart.Johnson@vw.com]
Location: AA-Room-Office-N62-ASDCDConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: PHEV IUVP Useful life mtg
Start Date/Time: Mon 3/11/2013 2:00:00 PM
End Date/Time: Mon 3/11/2013 3:00:00 PM

When: Monday, March 11, 2013 10:00 AM-11:00 AM (GMT-05:00) Eastern Time (US & Canada).
Where: AA-Room-Office-N62-ASDCDConfRoom/AA-OTAQ-OFFICE

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

To: Stuart.Johnson@vw.com[Stuart.Johnson@vw.com]
From: Snyder, Jim
Sent: Thur 3/7/2013 2:02:05 PM
Subject: PHEV Useful life mtg

Stuart, Chris is tied up Monday afternoon. We can do 9:00 or 10:00. Preference?

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Tue 3/5/2013 5:55:24 PM
Subject: RE: VW Verify user request

Bill, I passed it on.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Friday, March 01, 2013 8:44 AM
To: Snyder, Jim
Subject: VW Verify user request

Hi Jim,

I sent a FedEx 2-day package to you with a new Verify user request. Please forward it to the Verify team for processing.

Thanks

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Mon 3/4/2013 2:35:51 PM
Subject: RE: Decision Information Submitted

Thanks for the info. I am waiving it.

From: Giles, Michael (EEO) [mailto:michael.giles@vw.com]
Sent: Friday, March 01, 2013 11:44 AM
To: Snyder, Jim
Cc: Rodgers, William (EEO); Thomas, Richard (EEO)
Subject: Decision Information Submitted

Hello Jim,

Ex. 4 - CBI

Please advise of your confirmatory decisions at your earliest convenience, or call me if there are any questions.

Regards,

Mike

Michael Giles

Emissions Certification Engineer

Engineering and Environmental Office

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI, 48326

Phone: 248 754 4229

Fax: 248 754 4207

<mailto:michael.giles@vw.com>

<http://www.vw.com>

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
Cc: Giles, Michael (EEO)[michael.giles@vw.com]
From: Snyder, Jim
Sent: Thur 2/28/2013 2:41:41 PM
Subject: RE: VW Group - Supplemental Information Submitted VW324 30108-0

Vehicle is scheduled for April 10th.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Tuesday, February 26, 2013 9:49 AM
To: Snyder, Jim
Cc: Giles, Michael (EEO)
Subject: VW Group - Supplemental Information Submitted VW324 30108-0

Hello Jim,

I have submitted the Supplemental information for the recently selected confirmatory tests to be conducted on VID: VW324 30108-configuration 0 (representing a Beetle Convertible 2.0T Automatic). We have requested that the Vehicle be delivered to EPA on April 8, 2013 and made the necessary change to the Decision Information input data in Verify. Please confirm the test schedule and let us know as soon as possible so we can arrange the vehicle's shipping.

Regards,

Bill Rodgers

Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Tue 2/19/2013 7:21:55 PM
Subject: RE: VW Group - Decision Information Submissions for Federal Gen 3 2.0T

Hi Bill, My new email (outlook) is sorta working. I waived the tests except for the EDV which was randomized.

From: Rodgers, William (EEO) [mailto:William.Rodgers@vw.com]
Sent: Monday, February 18, 2013 3:45 PM
To: Snyder, Jim
Cc: Giles, Michael (EEO); Peter, Juergen (EASZ/1); Thomas, Richard (EEO); Glas, Tobias
Subject: VW Group - Decision Information Submissions for Federal Gen 3 2.0T

Hello Jim,

Today we submitted the Test data and Decision Information for the following vehicles. These represent 2013 VW Beetle and Beetle Convertible models in the new federal-only test group DVWXV02.0B5F (generation-3 2.0l turbo engine). The remaining data for Jetta models to be included in this test group will be coming soon.

We would appreciate confirmatory test waivers as soon as possible so we can proceed with processing fuel economy labels for these models, scheduled to start production in the first week of March (week 10/2013). As a reminder, the first of the similar-design 1.8l turbo engines you expressed interest in testing are scheduled for production in the 2014 Jetta models starting in June (week 27/2013).

DVWXV02.0B5F

EDV (worst case) VW324 30108 Configuration 0 – Beetle Convertible 2.0l TFSI with Automatic DSG Trans

FEDV VW324 30108 Configuration 1 – Beetle 2.0l TFSI with Automatic DSG Trans

FEDV VW324 30110 Configuration 0 – Beetle Convertible 2.0l TFSI with Manual-6 Trans

FEDV VW324 30110 Configuration 1 – Beetle 2.0l TFSI with Manual-6 Trans

Regards,

Bill Rodgers

VWGoA EEO

(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 2/14/2013 8:38:59 PM
Subject: RE: Test waiver VID VW324 30111/1

Sorry, I haven't been at my desk at all today. I waived both yesterday but I don't think it finalized the second one.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA
Date: 02/14/2013 03:11 PM
Subject: RE: Test waiver VID VW324 30111/1

Got it thanks

From: Rodgers, William (EEO)
Sent: Thursday, February 14, 2013 1:18 PM
To: "Jim Snyder" (Snyder.Jim@epamail.epa.gov)
Subject: Test waiver VID VW324 30111/1

Hi Jim,
I wasn't able to catch you at your desk. We received the following confirmatory test waiver but are wondering if you missed Configuration-1 (Beetle coupe), or are you planning to test it?

Testing Waived: VWX Vehicle ID: VW324 30111 Vehicle Configuration: 0

Thanks,
Bill Rodgers
VWGoA EEO
(248) 754-4219

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Thur 2/14/2013 2:45:07 PM
Subject: Re: FW: VW Group - New Approved User

I talked to Christi and if she said this is a Verify help desk issue. They should be able to straighten it out.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA
Cc: "Glas, Tobias" <Tobias.Glas@vw.com>
Date: 02/14/2013 08:38 AM
Subject: FW: VW Group - New Approved User

Jim,
Perhaps we need to submit a new form for VW? or can you adjust the user name we requested so it works with the system.

Ex. 4 - CBI

Regards,

Bill Rodgers
VWGoA EEO
(248) 754-4219

From: Glas, Tobias
Sent: Thursday, February 14, 2013 7:49 AM
To: Rodgers, William (EEO); Petersen.Pete@epamail.epa.gov
Subject: RE: VW Group - New Approved User

Hello !

I tried to activate my Verify VW user yesterday and couldn't process it because my username only has 7 digits.

Please advise how to solve that issue.

Thank you very much !

Tobias Glas

In-Use Emission Compliance Specialist
Engineering & Environmental Office

Volkswagen Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America

Phone: (248) 754-4211
Cell: (248) 494-1537
Fax: (248) 754-4207
E-Mail: Tobias.Glas@vw.com

From: Rodgers, William (EEO)
Sent: Thursday, February 14, 2013 7:31 AM
To: Glas, Tobias
Subject: FW: VW Group - New Approved User

From: Petersen.Pete@epamail.epa.gov [mailto:Petersen.Pete@epamail.epa.gov] **On Behalf Of**
Verify@epa.gov
Sent: Tuesday, February 12, 2013 8:40 AM
To: Rodgers, William (EEO)
Cc: Snyder.Jim@epamail.epa.gov; Verify@epa.gov
Subject: Re: VW Group - New Approved User

I assume you have mailed these forms to the Verify Team address? I am not allowed to accept electronic copies.

"Rodgers, William (EEO)" ---02/11/2013 03:09:31 PM---Hello, Please see the attached forms to add a new approved user, Tobias Glas, to the Verify system a

From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>

To: Verify@EPA

Cc: Jim Snyder/AA/USEPA/US@EPA

Date: 02/11/2013 03:09 PM

Subject: VW Group - New Approved User

Hello,

Please see the attached forms to add a new approved user, Tobias Glas, to the Verify system

Ex. 4 - CBI We have also include a complete User information spreadsheet for the entire Volkswagen Group. Please notify me when this new user is set up and able to access the system.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.

Engineering and Environmental Office

Auburn Hills, MI

(248) 754-4219

william.rodgers@vw.com

(See attached file: Tobias Glas-esa.pdf)(See attached file: user-info-20130211.xls)

To: Rodgers, William (EEO)[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Wed 2/13/2013 8:08:43 PM
Subject: Re: Revised 2014 Cert Preview Attachment

Thanks Bill, this is much clearer to follow than the other chart.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA
Date: 02/13/2013 09:08 AM
Subject: Revised 2014 Cert Preview Attachment

Hi Jim,
Attached is the updated chart we discussed for 2014MY.

Bill Rodgers
VWGoA EEO
(248) 754-4219
[attachment "MY 2014 TEST GROUPS ATTACHMENT A EEO 02062013
REVISION.xlsx" deleted by Jim Snyder/AA/USEPA/US]

To: Rodgers, William[William.Rodgers@vw.com]
From: Snyder, Jim
Sent: Tue 2/12/2013 8:51:14 PM
Subject: Re: VW Group - New Approved User

Bill, Can you mail the form to me? They are very particular about this being a real copy not a scan.

Make sure its addressed to me.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: Verify
To: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
Cc: Jim Snyder/AA/USEPA/US@EPA, Verify@EPA
Date: 02/12/2013 08:40 AM
Subject: Re: VW Group - New Approved User
Sent by: Pete Petersen

I assume you have mailed these forms to the Verify Team address? I am not allowed to accept electronic copies.

From: "Rodgers, William (EEO)" <William.Rodgers@vw.com>
To: Verify@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 02/11/2013 03:09 PM
Subject: VW Group - New Approved User

Hello,
Please see the attached forms to add a new approved user, Tobias Glas, to the Verify system and manufacturer codes VWX, ADX and BEX. We have also include a complete User information spreadsheet for the entire Volkswagen Group. Please notify me when this new user is set up and able to access the system.

Regards,

Bill Rodgers
Emissions Certification Engineer

VOLKSWAGEN GROUP OF AMERICA, INC.
Engineering and Environmental Office
Auburn Hills, MI
(248) 754-4219

william.rodgers@vw.com

[attachment "Tobias Glas-esa.pdf" deleted by Jim Snyder/AA/USEPA/US] [attachment
"user-info-20130211.xls" deleted by Jim Snyder/AA/USEPA/US]

To: Kata, Leonard (EEO)[Leonard.Kata@vw.com]
Cc: Nevers, Chris[nevers.chris@epa.gov]; Good, David[good.david@epa.gov]
From: Snyder, Jim
Sent: Wed 2/6/2013 10:22:11 PM
Subject: Re: VW/EPA Certification Meeting October 29, 2012

I'll look it over.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Kata, Leonard (EEO)" <Leonard.Kata@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA, David Good/AA/USEPA/US@EPA, Chris Nevers/AA/USEPA/US@EPA
Date: 02/06/2013 12:00 AM
Subject: VW/EPA Certification Meeting October 29, 2012

Hello Jim, Dave, and Chris:

I know that some time has passed since we met in October 2012, but I would appreciate it if you would take a look at the meeting report and provide any comments or feedback. Other EPA staff participated as well and may wish to contribute their comments.

I have attached all of the slides from our meeting, for ready reference. The report is the last attachment. Please let me know if this should go into VERIFY.

Since the report indicates some follow-up on the part of VW and EPA, we would appreciate an opportunity to have a telephone conference/webinar to discuss the open points.

Best regards,

Len

Leonard W. Kata

Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.
Phone: (248) 754-4204
Cell: (248) 797-3886
E-Mail: leonard.kata@vw.com

[attachment "00_Agenda_EPA_Cert-Test.pptx" deleted by Jim Snyder/AA/USEPA/US]

[attachment "01_Start_Stop_Survey.pptx" deleted by Jim Snyder/AA/USEPA/US]

[attachment "02_FFV.pptx" deleted by Jim Snyder/AA/USEPA/US] [attachment

"03_AWC.pptx" deleted by Jim Snyder/AA/USEPA/US] [attachment "04_BEV_EPA.pptx" deleted by Jim Snyder/AA/USEPA/US] [attachment "05_BEVx_2012_EPA.ppt" deleted by Jim Snyder/AA/USEPA/US] [attachment "06_SAE_1634_EPA.pptx" deleted by Jim Snyder/AA/USEPA/US] [attachment "07_PHEV.pptx" deleted by Jim Snyder/AA/USEPA/US] [attachment "08_Energy_assist_EPA.pptx" deleted by Jim Snyder/AA/USEPA/US] [attachment "VW EPA Cert Meeting Oct 29,2012.pdf" deleted by Jim Snyder/AA/USEPA/US]

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
From: Snyder, Jim
Sent: Thur 1/31/2013 9:43:19 PM
Subject: Ex. 4 - CBI

I talked to Bob beforehand and supported it. I think he looks forward to this simplifying calculations. I'll ask him if there is anything else needed to be done.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: Jim Snyder/AA/USEPA/US@EPA
Date: 01/31/2013 09:06 AM
Subject: Ex. 4 - CBI

Hi Jim;

Thanks for the note and voice mail. Can you track down Bob Peavyhouse sometime and ask if he will be able to handle the changes and what, if anything, we (the EEO) can

Ex. 4 - CBI

respectively.

Thanks,
Richard

Richard E. Thomas
VOLKSWAGEN Group of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
Engineering and Environmental Office (EEO)
Phone: 248 754-4213
Fax: 248 754-4207
Richard.Thomas@VW.com

From: Snyder.Jim@epamail.epa.gov [mailto:Snyder.Jim@epamail.epa.gov]
Sent: Wednesday, January 30, 2013 4:33 PM

To: Thomas, Richard (EEO)

Subject: **Ex. 4 - CBI**

Richard, I left you a voice mail but this is probably better. I reviewed Volkswagen Group's

Ex. 4 - CBI

Ex. 5

We

all think its okay so I don't think we need a meeting to discuss this.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

To: Thomas, Richard (EEO)[Richard.Thomas@vw.com]
Cc: Good, David[good.david@epa.gov]
From: Snyder, Jim
Sent: Tue 1/22/2013 8:14:27 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov

Bob Hart brought this up to me back before he retired. This is with regard to Test Groups right? He talked about it for test groups and certificates but I guess its more relevant for GHG calculations right? I can set up a meeting but I'm wondering who all to invite depending on the scope of this.

Jim Snyder
Light-Duty Vehicle Group
Compliance Division
United States Environmental Protection Agency
(734) 214-4946
snyder.jim@epa.gov

From: "Thomas, Richard (EEO)" <Richard.Thomas@vw.com>
To: David Good/AA/USEPA/US@EPA
Cc: Jim Snyder/AA/USEPA/US@EPA
Date: 01/22/2013 02:12 PM
Subject: RE: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov

Hi Dave;

I have made one typo FE correction and a couple of calculation errors resulting in unadjusted, unrounded combined CO2 errors affected four of the five error messages. These did not affect any label values for these models, I believe all is good now.

We would like to discuss the Verify manufacturer codes (i.e.: VWX, ADX, BEX) proposed and approved for 2015 by our parent company and regarding the use of a common Volkswagen Group (VGA) code for all brands within the group. Somewhat similar to what the General uses. If you have a moment to discuss, please give me a call so we can set up either a visit or phone discussion and its attendees. I think we would have to get Bob Peavyhouse involved at a minimum.

Thanks,
Richard

From: Good.David@epamail.epa.gov [mailto:Good.David@epamail.epa.gov]
Sent: Tuesday, January 22, 2013 12:22 PM
To: Thomas, Richard (EEO)
Cc: Snyder.Jim@epamail.epa.gov
Subject: re: 2014 FE Guide - Errors in EPA's data base as of January 17, 2013 which held up posting on www.fueleconomy.gov

Richard,

Our macro picked up a few errors in your 2014 labels. Attached are the data in Verify as of January 17, 2013 for 2014 model year FE labels. Labels with pea green fill in the first few columns contained errors and were not sent to DOE for posting on the web (provided the label release date was Jan 22, 2013 or earlier).

I'll run my next query of the 2014 FE Label data on Feb 1, 2013---for posting on the web a few days later.

Please make any needed corrections when you get a chance.

Thanks

(See attached file: VW_Group_2014 FE Guide-all rel dates-no-sales-1-17-2013.xlsx)

Ex. 5

From: Snyder, Jim
Required Attendees: Snyder, Jim; Ott, William; Dalton, Joel; Wright, DavidA;
Leonard.Kata@vw.com
Optional Attendees: Wehrly, Linc; Ball, Joel; Pidgeon, Bill; Anderson, Tom; Good,
David; French, Roberts
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen teleconference on BEV and PHEVs
Start Date/Time: Wed 11/20/2013 2:00:00 PM
End Date/Time: Wed 11/20/2013 3:30:00 PM

For those interested. Phone conference with VW and Audi. Presentation on VW BEV and discuss Audi PHEV testing.

...A short while ago you had asked if Volkswagen had an interest in re-scheduling a meeting with EPA staff that was originally planned for October 7, 2013. This meeting was cancelled due to the government's partial shutdown. Although the original participants from the Volkswagen Group will not be in the U.S. to meet in person, we would appreciate an opportunity to discuss the topics via telephone conference. As a starting point, I propose that the call take place Tuesday, Nov. 19, 2013 at 9:00 a.m. The primary topics are:

- * e-Golf Presentation
- * PHEV Test Procedures

From: Snyder, Jim
Required Attendees: Snyder, Jim; Kata, Leonard (EEO); Wehrly, Linc; Ball, Joel; Ott, William; Dalton, Joel; Pidgeon, Bill; Anderson, Tom
Optional Attendees: Schmidt, Oliver (EEO); Rist, Domenic (I/EA-523); Handschel, Uwe (I/EA-523); Tamborra, Nick (EEO)
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: Volkswagen/Audi Meeting with EPA
Start Date/Time: Mon 10/7/2013 1:30:00 PM
End Date/Time: Mon 10/7/2013 3:30:00 PM

Representatives from Volkswagen AG and Audi AG will be visiting the U.S. in early October 2013. We would like to take this opportunity to meet with you to discuss certification-related topics. The primary emission certification topic is the E-Golf preview for MY2015.

There may also be discussion regarding PHEV testing and calculations unless we have that at an earlier mtg.

From: Tamborra, Nick (EEO)
Location: Online Meeting
Importance: Normal
Subject: EPA-VW PHEV Meeting
Start Date/Time: Tue 5/7/2013 1:00:00 PM
End Date/Time: Tue 5/7/2013 2:00:00 PM

EPA-VW PHEV Meeting

Join online meeting

<https://join.vw.com/nick.tamborra/HVB60HNN>

Join by Phone

+1 (248) 754-6400

+1 (855) 858-8080

[Find a local number](#)

Conference ID: 9912349

[Forgot your dial-in PIN?](#) | [First online meeting?](#)

[\[!OC\(1033\)!\]](#)

From: Kata, Leonard (EEO)
Location: Telephone Conference
Importance: Normal
Subject: Compliance Options N2O and CH4
Start Date/Time: Tue 3/26/2013 6:00:00 PM
End Date/Time: Tue 3/26/2013 6:30:00 PM

Hello Rob:

I got your note about availability. Would it be possible to speak with you from a regulatory perspective around 2:00 p.m. today? We could follow-up with Jim later.

Best regards,

Len

Leonard W. Kata
Senior Manager
Emission Regulations and Certification
Engineering and Environmental Office
Volkswagen Group of America, Inc.
Phone: (248) 754-4204
Cell: (248) 797-3886
E-Mail: leonard.kata@vw.com

.....

Join by Phone

+1 (248) 754-6400, local
+1 (855) 858-8080, toll-free
[Find a local number](#)

Conference ID: 455450

From: Snyder, Jim
Required Attendees: Nevers, Chris; Johnson, Stuart (EEO) [Stuart.Johnson@vw.com]
Location: AA-Room-Office-N62-ASDCDConfRoom/AA-OTAQ-OFFICE
Importance: Normal
Subject: PHEV IUVP Useful life mtg
Start Date/Time: Mon 3/11/2013 2:00:00 PM
End Date/Time: Mon 3/11/2013 3:00:00 PM

To: Good, David[good.david@epa.gov]
Cc: **Ex. 7**
From: **Ex. 7**
Sent: Fri 10/30/2015 12:32:59 PM
Subject: 2016 Audi S8 and S8 plus Fuel Economy Label Discussion
FW: 2016 Audi S8

Hi Dave;

To summarize the phone discussion we had yesterday I have the following.

The original 2016 “Audi S8” was labeled in March 2015. Audi later introduced a higher performance engine as this model will be marketed as the “Audi S8 plus” that replaces the original engine in production, with a running change. The recalculated label values when this new engine is sales weighted into the base level result in lower city and highway label values, combined is unchanged. Since the option to relabel is left to the manufacture under the running change and fuel economy calculation regulations it was proposed to begin to use the new values with the introduction of the S8 plus models this fall (November 2015). Please see the email summary of September 14, 2015, attached.

The Audi logistic department has assured me that no new S8 plus models will leave the ports for dealerships until all the original Audi S8 models have been allocated and are exhaust from the ports. In very limited cases an original Monroney label (containing the fuel economy label) may have to be reprinted due to dealer trading and address changes. That being the case they will reprint the Monroney label with the original S8 values. Under no circumstance can the new “Audi S8 plus” models be printed without the recalculated lower fuel economy label values.

You said that this process would not create any difficulties on your end.

Best regards,

Ex. 7

Ex. 7

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone:

Fax:

mailto:

Ex. 7

To: Good, David[good.david@epa.gov]
Cc: Snyder, Jim[Snyder.Jim@epa.gov];
From: Ex. 7
Sent: Mon 9/14/2015 5:06:46 PM
Subject: FW: 2016 Audi S8
[Running Change Fuel Economy 2016 Audi S8.html](#)

Ex. 7

Hi Dave;

To summarize our phone discussion I have the following. You agreed that the recalculated label values with the new engine manufacturers' confirmatory data configuration and using the rounded to a tenth city and highway MPG label values, do not exceed the regulation criteria for which the lower label fuel economy number(s) would be required for the label. This label used the full 5-cycle approach. That being the case, we would not be required to relabel index# 011. However, it is the preference of our marketing group to use the lower values during this 2016 model year as the SOP for the new engine is week 49/2015. The original engine and label values will be used for the 2016 Audi S8 models until which time the new engine starts production. I will relabel this 2016 Audi S8 model, index #011, in late November to coincide with the introduction into production of the new Audi S8 Plus model (the carline does not change, still Audi S8) and engine which will replace the original engine in the Audi S8 model.

If you have any questions or I did not capture the discussion correctly please let me know.

Best regards,

Ex. 7

From: Ex. 7
Sent: Monday, September 14, 2015 11:59 AM
To: 'Good.David@epamail.epa.gov' <Good.David@epamail.epa.gov>
Cc: Jim Snyder (snyder.jim@epa.gov) <snyder.jim@epa.gov>; Ex. 7
Subject: 2016 Audi S8

Hi Dave;

I guess you are in the office today (Monday). As a reminder, I have attached an email I wrote to you before your vacation week. For your information I heard from the Audi of America marketing department and they would prefer to use the newly calculated lower city and highway values this model year. This higher horse power engine will be the only engine for 2017 and they would prefer to use the lower values now rather than next model year. However, I would like to discuss when we would use it and whether my interpretation of the regulation is correct or not.

Best regards,

Ex. 7

Engineering & Environmental Office (EEO)

Volkswagen Group of America, Inc.

3800 Hamlin Road

Auburn Hills, MI 48326

Phone:

Fax:

mailto:

Ex. 7